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PSC Bulletin，Official Publication of Kerala Public Service Commission

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website：www．keralapsc．gov．in E－mail：kpscpro＠gmail．com §Kerala Public Service Commission Circulation ：0471－2546270

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 உதృமிி： 04868 272359，กிంஸつகృலல： 0484 2314500，





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## 2020 ๑నவளூమనదி 17























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 Ladies＇Garment Workers＇Union（ILGWU）லேDஸ゙（ロ




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## తেறర வગరவ（েา கேவி




































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 ing women＇s rights for an equal future＂ஃாைைை๗．พை






























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๑லSo கோியઠ


| 04.03 .2020 (Wednesday) ( 10.45 am. to 01.45 p.m.) |  |  |  |
| :---: | :---: | :---: | :---: |
| 98 | 1 | 038057 <br> Animal Husbandry Department Test | Animal Husbandry Department Manual (with books) |
| 99 | 2 | 043077 <br> Test in Weight and Measures Act and Rules | 1. The Legal Metrology Acts, 2009. <br> 2. The Legal Metrology (General Rules) 2011 <br> 3. The Legal Metrology (Numeration) Rules, 2011. <br> 4. The Legal Metrology (National Standards) Rules 2011. <br> 5. The Legal Metrology (Approval of Models) Rules 2011. <br> 6. The Legal Metrology (Packaged Commodities) <br> Rules, 2011 <br> 7. The Indian Institute of Legal Metrology Rules 2011 <br> 8. Kerala Legal Metrology (Enforcement) Rules 2012. <br> 9. Legal Metrology (Govt. approved Test Centre) <br> Rules 2013 |
| 100 | 3 | 037078 <br> Labour Department Test Part III | (One Paper - With Books) <br> 1. The Contract Labour (Registration and Abolition) Act, 1970. <br> 2. The Payment of Gratuity Act, 1972. <br> 3. The Kerala Payment of Subsistance Allowance Act, 1973. <br> 4. The Kerala Agricultural Workers Act, 1974. <br> 5. The Equal Remuneration Act, 1976. <br> 6. The Sales Promotion Employees (Conditions of Service) Act, 1976. <br> 7. The Kerala Casual Temporary and Badali workers (Wages) Act 1989 <br> 8. The Kerala Head Load workers Act 1978. |
| 101 | 4 | 027079 <br> Agricultural Income Tax and Sales Tax Test-III Paper | Book Keeping \& Accountancy |
| 102 | 5 | 045082 <br> Departmental Test for the Assistant Electrical Inspector in the Electrical Inspectorate - II Paper (with books) | Various provisions in the State Regulations such as Kerala Electricity Duty Act, 1963, Kerala Electricity Duty Rules, 1963, Kerala Cinemas (Regulation) Act, 1958, Kerala Cinemas (Regula tion) Rules, 1988, Kerala State Electricity Licens ing Board Rules, Kerala Lift and Escalators Act 2013 and the Rules made thereunder, Kerala Elec tricity Supply Code 2014, obligations of licensed electrical contractors and consumers as envisaged in State Regulations (with books) |
| 103 | 6 | 031084 <br> Departmental Test for Employment Exchange Procedure-II Paper | Special Scheme and General Instructions (this will cover special schemes like vocational guidance Employment counseling occupational research etc.) and Chapters on <br> (i) Study and development of the employment Opportunities <br> (ii) Public Relations and publicity <br> (iii) Various general instruction and <br> (iv) Inspection and technical evaluation of employment exchange based on the following chapters in Part I and III of NESM Vol.I and II with connected EE minutes/notes/amendments and etc. issued from time to time Chapters I to IV, XIV, XV and XVII of Part I and all chapters of Part III. NESM (Vol. I with relevant portion of NESM Vol. II) |
| 104 | 7 | 025085 <br> Kerala Co-operative Test-II Paper | Principles of Co-operation and the Co-operative Societies Act and Rules issued thereunder. The following reference books will be used by the candidate for the preparation of the Test. <br> Banking <br> (i) Banking Law and Practice - By Tannan <br> (ii) Modern Banking in India - By S.K.Muranjan Co-operation <br> (i) Co-operation - Law and Practice - By Calvert <br> (ii) Co-operation at Home and Abroad - By C.R.Fay <br> (iii) Co-operation in India (1962 Edition)- By <br> Prof.Bhagatswaroopp. <br> (iv) Theory and Practice of Co-operation in India - <br> By Prof.Kulkarani <br> Candidates should study on the Co-operative Societies Act and Rules and the Madras Co-operative Manual written by Sri.J.C. Rayaon for Co-operation. |
| 105 | 8 | 019088 <br> Test on Manual of Office Procedure (Police) | Manual of Office Procedure (Police) |
| 106 | 9 | $005092$ <br> PWD Manual Test | The Kerala PWD Manual and Additions/ Amendments to it from time to time (with books) |
| 107 | 10 | 050110 <br> Departmental Test on Kerala Head Load Workers Rules (with Books) | 1.Kerala Headload Workers Act - 1978 <br> 2.Kerala Headload Workers (Regulation of Employment and Welfare) Scheme 1983 3.Kerala Headload Workers Rules, 1981 <br> 4.Kerala Headload Workers (Attached Section) |

Welfare Scheme - 1995
5.Kerala Headload Workers (Scattered Section) Welfare Scheme - 1999
6.Kerala Headload Workers Welfare Board Staff
(Appointment, Service Conditions, Code and
Conduct) Rules, 2002
7. Workmen Compensation Act, 1923
8.Various regulations and plans formulated under

Kerala Headload Workers (Regulation of Employ
ment and Welfare) Scheme - 1983
a) Kerala Head Load Workers (GWF) Regulations, 1987
b) Kerala Head Load Workers (Family Welfare)

Scheme, 1987
c) Kerala Head Load Workers (Award of Scholar
ship) Plan, 1989
d) Kerala Head Load Workers (Super annuation

Assistance) Plan, 1989
e) Kerala Head Load Workers (Invalid Pension)

Plan, 1990
f) Kerala Head Load Workers (Marriage

Assistance) Plan, 1990
g) Kerala Head Load Workers (Distress Relief)

Plan, 1990
h) Kerala Head Load Workers (Housing Fund)

Regulations, 1992
i) Kerala Head Load Workers (House Constructions)

Advance Plan, 1992
j) Kerala Head Load Workers (Consumer Advance)

Plan, 1994
k) Kerala Head Load Workers (Foreign Employ ment Assistance) Plan, 1995
l) Kerala Head Load Workers (Medical Assistance) Plan, 1996
m) Kerala Head Load Workers (Pension \& RTB) m) Kerala He

Reguations
n) Kerala Head Load Workers (Calamities Relief) n) Kerala He

Plan, 1998
o) Kerala Head Load Workers (Medical Reimburse o) Kerala Head Load 1997
ment) Regulations, 1997
p) Kerala Head Load Wo

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q) Kerala Head Load Workers (Death Exgratia)

Plan, 1997
XII. 05.03 .2020 (Thursday) ( 08.30 a.m. to 11.30 a.m.)

| XII. 05.03.2020 (Thursday) (08.30 a.m. to 11.30 a.m.) |  |  |  |
| :---: | :---: | :---: | :---: |
| 108 | 1 | 001028 <br> Secretariat Manual Test | The Kerala Secretariat Office Manual |
| 109 | 2 | 032051 <br> Kerala Registration Test Part II | The Kerala Stamp Act and the Rules there under and the Indian Stamp Act in respect of documents specified in entry 91 of list I (Union List of the VIlth schedule of the constitution of India and Rules relating to these documents) (with books) |
| 110 | 3 | 021054 <br> Forest Test (for Executive and Controlling Staff)-I Paper | General Law <br> a. Kerala Forest Act and Rules thereunder <br> b. The Kerala Land Acquisition Act <br> c. The Boundary Act <br> d. The Cattle Trespass Act <br> e. Indian Penal Code Chapters 1 to 5, 9 to 11, 17, <br> 18, 23 and <br> f. The Indian Criminal Procedure Code 1973, <br> Chapters $1,5,6,7,15,16,19,20,23,24,26,27 \& 30$ |
| 111 | 4 | 037055 <br> Labour Department Test Part I (with books) | 1. Plantation Labour Act, 1961. <br> 2. Minimum Wages Act, 1948. <br> 3.Child Labour (Prohibition \& Regulation) Act, 1986 <br> 4. Motor Transport Workers Act, 1961. <br> 5. Kerala Shops and Commercial Establishments Act, 1960. <br> 6. Payment of Wages Act, 1936 (in respect of establishment other than Factories). <br> 7.The Beedi and Cigar Workers(Conditions of Employment )Act, 1966 and <br> 8. The Motor Transport Workers (Payment of Fair Wages) Act, 1971. |
| 112 | 5 | 007107 <br> Account Test Lower for the Ministerial and Executive Staff of KSEBL -III Paper | Elements of Commercial Accounts \& Bookkeeping (including basic concepts of Company Accounts excluding Partnership Accounts) (Any Financial Accounting book prescribed by any recognized Universities in Kerala) |
| 113 | 6 | 023060 <br> Kerala Jail Officers Test Paper -II | Sociology, Penology and criminology |
| 05.03 .2020 (Thursday) (10.45 a.m. to 01.45 p.m.) |  |  |  |
| 114 | 1 | $001028$ <br> Secretariat Manual Test | The Kerala Secretariat Office Manual |
| 115 | 2 | 032051 <br> Kerala Registration Test Part II | The Kerala Stamp Act and the Rules thereunder and the Indian Stamp Act in respect of documents specified in entry 91 of list I (Union List of the VIlth schedule of the constitution of India and Rules relating to these documents) (with books) |





## EXAMINATION PROGRAMME - MAY 2020




## RANKED LISTS PUBLISHED

| SI.No. | Cat.No. | Name of Post | Date |
| :---: | :---: | :---: | :---: |
| 538 | 123/17 | Village Field Asst in Revenue Dept.- Idukki | 09.10.2019 |
| 539 | 246/17 | HSST Jr (English) in KHSE Dept. | 10.10.2019 |
| 540 | 70/17 | Fireman Driver cum Pump Operator (Trainee) in Fire and Res. | 10.10.2019 |
| 541 | 123/17 | Village Field Asst. in Revenue Dept.- Wayanad | 11.10.2019 |
| 542 | 123/17 | Village Field Asst. in Revenue Dept.- Kasargod | 11.10.2019 |
| 543 | 225/16 | Driver Gr II (LDV) in KMCS/Various Devpt Authorities | 11.10.2019 |
| 544 | 92/16 | Attender Gr II in Homoeopathy Dept. - Pathanamthitta | 15.10.2019 |
| 545 | 581/17 | Aero Modelling Instructor cum store keeper in NCC Dept -EKM | 15.10.2019 |
| 546 | 282/17 | Ayah in Various Dept - Ernakulam | 15.10.2019 |
| 547 | 349/16 | Male Warden in SCDD - Ernakulam | 15.10.2019 |
| 548 | 185/16 | LGS Exservicemen NCA-OBC NCC/Sainikwelfare Dept- Alpy | 15.10.2019 |
| 549 | 271/17 | FTJLT Hindi UPS (B/T) in Education Dept.- Palakkad | 15.10.2019 |
| 550 | 272/17 | PTHSA in Education Dept.- Kasargod | 16.10.2019 |
| 551 | 272/17 | PTHSA in Education Dept.- Pathanamthitta | 17.10.2019 |
| 552 | 285/17 | Armed Police Sub Inspector(Trainee) Police-APB SR for SC/ST | 18.10.2019 |
| 553 | 155/18 | Jr Consultant (General Sugery) Ist NCA- SIUC | 18.10.2019 |
| 554 | 26/19 | Lr in Physics in Collegiate Edn. NCA - Hindu Nadar | 18.10.2019 |
| 555 | 123/17 | Village Field Asst in Revenue Dept.- Alappuzha | 23.10.2019 |
| 556 | 442/16 | Dairy Farm Instructor in Dairy Devpt | 23.10.2019 |
| 557 | 248/17 | HSST Sanskrit Jr in KHSE | 23.10.2019 |
| 558 | 308/18 | Radiographer Gr II (ST only) in Medical Education | 23.10.2019 |
| 559 | 436/16 | Technical Asst in Legal Metrology | 23.10.2019 |
| 560 | 272/17 | PTHSA (Mal) in Education Dept.- Kozhikode | 23.10.2019 |
| 561 | 272/17 | PTHSA (Mal) in Education Dept.- Kollam | 23.10.2019 |
| 562 | 282/17 | Ayah in Various Dept. - Thrissur | 23.10.2019 |
| 563 | 282/17 | Ayah in Various Dept. - Palakkad | 23.10.2019 |
| 564 | 272/17 | PTHSA (Mal) in Education Dept. - Idukki | 23.10.2019 |
| 565 | 112/17 | A/C Mechanic in KTDC Ltd | 26.10.2019 |
| 566 | 495/17 | Record Asst $1^{\text {st }}$ NCA-E/T/B in Govt Ayurveda College - TVM | 30.10.2019 |
| 567 | 312/18 | Offset Printing Machine Operator Grll (SR for ST) - KTM in Print. | 30.10.2019 |
| 568 | 271/17 | FTJLT -UPS- (Hindi) (B/T) - Wayanad | 30.10.2019 |
| 569 | 339/18 | Security Guard III NCA - ST in Govt Sec/PSC etc., | 30.10.2019 |
| 570 | 405/13 | EEG Technician in Health Service Dept | 30.10.2019 |
| 571 | 59/18 | Livestock Insp. Grll (LC/AI) in Animal Husbandry Dept.- PTA | 30.10.2019 |
| 572 | 356/18 | Livestock Insp. Grll (LC/AI) in Animal Husbandry Dept.- Idukki | 30.10.2019 |
| 573 | 197/16 | Jr Asst (Gen) in KCMMF Ltd | 31.10 .2019 |
| 574 | 198/16 | Jr Asst (Society Category) in KCMMF Ltd | 31.10.2019 |
| 575 | 123/17 | Village Field Asst in Revenue Dept. - Ernakulam | 06.11.2019 |
| 576 | 92/16 | Attender Grll in Homoeopathy Dept. - Thrissur | 06.11.2019 |
| 577 | 72/18 | Ayah in Various Dept- NCA LC/Al- Kottayam | 06.11.2019 |
| 578 | 73/18 | Ayah $1^{\text {st }}$ NCA OBC in Various Dept. - Kollam | 06.11.2019 |
| 579 | 272/17 | PTHSA (Mal) in Education Dept.- Malappuram | 06.11.2019 |
| 580 | 137/18 | Asst. Prof in Anatomy NCA-V in Medical Education | 06.11.2019 |
| 581 | 148/18 | Asst. Prof. Microbiology NCA- ST in Medical Education | 06.11.2019 |
| 582 | 356/18 | Livestock Insp. Grll NCA- LC/Al in Animal Husbandry Dept-ALP | 06.11.2019 |
| 583 | 10/16 | Naval Architect in Port Dept | 06.11.2019 |
| 584 | 470/17 | PTHSA (Urudu) NCA E/T/B in Education - Wayanad | 14.11.2019 |
| 585 | 70/18 | Ayah $1^{\text {st }}$ NCA SC in Education Dept - Kollam | 14.11.2019 |
| 586 | 271/17 | FTJLT (Hindi) UPS (By Transfer) in Edn. Dept. - Malappuram | 14.11.2019 |
| 587 | 71/18 | Ayah NCA Muslim in Various Dept. - Pathanamthitta | 19.11.2019 |
| 588 | 277/17 | FTJLT (Hindi) in Education Dept - Pathanamthitta | 19.11.2019 |
| 589 | 218/18 | Pharmacist Grll SR for ST in Homoeopathy Dept - Wayanad | 19.11.2019 |
| 590 | 227/16 | HSA (Physical Science) (Mal) in Education Dept. - Kottayam | 19.11.2019 |
| 591 | 277/17 | FTJLT (Hindi) in Education Dept - Kannur | 19.11.2019 |
| 592 | 190/18 | Pharmacist Grll(Ayurveda) NCA SC in ISM/IMS, Ayu.Coll.- EKM | 19.11.2019 |
| 593 | 20/18 | Asst Prof in Radio Therapy in Medical Education Dept. | 19.11.2019 |
| 594 | 318/18 | Jr. Consultant (Anaesthesia) III NCA Muslim | 19.11.2019 |


| SI.No. | Cat.No. | Name of Post Date |  |
| :---: | :---: | :---: | :---: |
| 595 | 324/18 | Jr. Consultant Dermatology and Venerology III NCA SC - Health | 19.11.2019 |
| 596 | 325/18 | Jr. Consultant General Medicine III NCA OBC- Health | 19.11.2019 |
| 597 | 320/18 | Jr. Consultant in General Surgery III NCA Muslim- Health Dept. | 19.11.2019 |
| 597 A | 321/18 | Jr. Consultant in General Surgery III NCA SC- Health Dept. | 19.11.2019 |
| 597 B | 323/18 | Jr. Consultant in General Surgery III NCA E- Health Dept. | 19.11.2019 |
| 598 | 277/17 | FTJLT (Hindi) in Education Dept. - Alappuzha | 20.11.2019 |
| 599 | 359/16 | Fireman (Trainee) SR from ST only in Fire and Rescue Service | 21.11.2019 |
| 600 | 551/15 | Jr Laboratory Asst (SR for ST only) | 21.11.2019 |
| 601 | 171/18 | HSA (Hindi) NCA LC/AI in Education Dept. - Pathanamthitta | 27.11.2019 |
| 602 | 646/17 | LGS (EX) NCA - SIUC Nadar in NCC/Sainik Welfare Dept- KKD | 27.11.2019 |
| 603 | 319/18 | Jr. Consultant (Anaesthesia) NCA SC in Health Services Dept. | 27.11.2019 |
| 604 | 326/18 | Jr. Consultant (Psychiatry) III NCA SC in Health Dept. | 27.11.2019 |
| 605 | 92/16 | Attender Grll in Homoeopathy Dept.- Wayanad | 28.11.2019 |
| 606 | 451/16 | Typist Gr II in Various Govt.owned Company/Corp | 28.11.2019 |
| 607 | 335/16 | Typist Grll in Forest Development Corpn Ltd | 28.11.2019 |
| 608 | 338/17 | HSST (Jr) Economics in Higher Secondary Education | 03.12.2019 |
| 609 | 419/17 | Lab Asst in KHSE Dept. - Thiruvananthapuram | 03.12.2019 |
| 610 | 281/17 | Lineman (PWD)- Wayanad | 03.12.2019 |
| 611 | 111/17 | Plumber in KTDC | 03.12.2019 |
| 612 | 146/18 | Asst Prof. in Forensic Medicine NCA-HN in Medical Ed. Dept. | 03.12.2019 |
| 613 | 147/18 | Asst Prof. in Forensic Medicine NCA-V in Medical Ed. Dept. | 03.12.2019 |
| 614 | 2/18 | Asst. Prof in Pharmacology in Ayurveda Medical Edn. | 03.12.2019 |
| 615 | 72/19 | Lr in Mathematics II NCA SIUC N | 04.12.2019 |
| 616 | 75/19 | Lr in Mathematics $6^{\text {th }}$ NCA- SC | 04.12.2019 |
| 617 | 76/19 | Lr in Mathematics $6^{\text {6 }}$ NCA - ST | 04.12.2019 |
| 618 | 206/18 | Ayurveda Therapist (NCA-M) ISM - Idukki | 05.12.2019 |
| 619 | 31/18 | Asst. Prof in Microbiology NCA M in Medical Edn. Dept | 09.12 .2019 |
| 620 | 593/17 | Jr Instructor (Wireman) SR for SC/ST in IT Dept. | 11.12.2019 |
| 621 | 73/18 | AYAH - NCA - OBC - Alappuzha | 11.12.2019 |
| 622 | 277/17 | FTJLT (Hindi) in Education Dept. - Kozhikode | 11.12.2019 |
| 623 | 74/19 | Lr in Music- NCA M in Collegiate Edn. | 12.12.2019 |
| 624 | 35/17 | HSST Commerce Jr SR for ST- in HSE Dept | 16.12.2019 |
| 625 | 419/17 | Lab Asst in KHSE Dept - Pathanamthitta | 17.12.2019 |
| 626 | 419/17 | Lab Asst in KHSE Dept - Ernakulam | 17.12.2019 |
| 627 | 92/16 | Attender Grll in Homoeopathy Dept - Kollam | 17.12.2019 |
| 628 | 421/17 | Clerk/Typist SR for SC/ST in Various Dept. | 17.12.2019 |
| 629 | 571/14 | Junior Health Inspector Grll in Muni.Common Service- PTA | 18.12.2019 |
| 630 | 502/17 | Head of Sec. Comp. Hardware Maint.NCA E in Tech Edn Dept. | 26.12.2019 |
| 631 | 92/16 | Attender Grll in Homoeopathy Dept.- Kannur | 26.12.2019 |
| 632 | 68/17 | Station Officer (Trainee) in Fire and Rescue Services | 26.12.2019 |
| 633 | 419/17 | Lab Asst. in KHSE - Kasargod | 26.12.2019 |
| 634 | 123/17 | Village field Asst in Revenue Dept. - Malappuram | 26.12.2019 |
| 635 | 123/17 | Village field Asst in Revenue Dept. - Kollam | 26.12.2019 |
| 636 | 494/17 | Warder Attendant NCA SC in Jails Dept - Alappuzha | 26.12.2019 |
| 637 | 586/17 | Tradesman (Electrical) in Technical Edn. Dept. - Thrissur | 26.12.2019 |
| 638 | 281/17 | Lineman Electrical Wing (PWD) | 26.12.2019 |
| 639 | 398/17 | LGS (SR for SC/ST) Various - Malappuram | 26.12.2019 |
| 640 | 11/18 | Clerical Attender (SR for SC/ST) in Various Dept. - Kollam | 26.12.2019 |
| 641 | 92/16 | Attender Grll in Homoeopathy - Idukki | 26.12.2019 |
| 642 | 310/18 | Health Inspector Grll SR for ST only in Health Dept. - Alappuzha | 26.12.2019 |
| 643 | 1/18 | Asst. Prof in Psychiatry in Medical Education | 30.12.2019 |
| 644 | 477/17 | Asst. Prof in Psychiatry NCA OBC in Medical Education | 30.12.2019 |
| 645 | 358/16 | Fireman (Trainee) SR for SC/ST in Fire and Rescue Services | 30.12.2019 |
| 646 | 257/17 | Electrician in Kerala Municipal Common Service | 30.12.2019 |
| 647 | 571/14 | Jr. Health Inspector Grll in Muni. Common. Service- KKD | 31.12.2019 |
| 648 | 571/14 | Jr. Health Inspector Grll in Muni. Common. Service- Kasargod | 31.12.2019 |
| 649 | 399/17 | Jr. Asst/Cashier/Asst Grll in KSFE/KSEB | 31.12.2019 |
| 650 | 400/17 | Jr. Asst/Asst. Gr II/LDC in KSRTC/KLDB | 31.12.2019 |

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## STATEMENT OF OWNERSHIP AND PARTICULARS ABOUT THE PERIODICAL "PSC BULLETIN" (FORTNIGHTLY) FORM IV (See Rule 8)

1. Place of Publication
2. Periodicity
3. Printer's Name
(whether Citizen of India)
(If foreigner, state the country of origin) Address
4. Publisher's Name
(Whether Citizen of India)
(If foreigner, state the country of origin) Address
5. Editor's Name
(Whether Citizen of India)
(If foreigner, state the country of origin)
Address
6. Owner's Name (s)

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THIRUVANANTHAPURAM
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## Saju George

Secretary, Kerala Public Service Commission,
Thiruvananthapuram
to the best of my knowledge and belief.
Thiruvananthapuram
01-0 3-2020



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 m（Oecophylla Smaragdina）．








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 1971



## Sub Inspector／Excise Inspector／ Assistant Jailor／Special Branch Assistant

1．Charles Correa is a renowned Indian

## a．Freedom fighter <br> b．Painte

c．Architect，Urban planner d．Award winning doctor
2．Which of the following is the name of US Parliament？ a．Diet
b．Senate
c．Congress
d．House of Commons
3．Ajanta Ellora caves are situated near which of the follow－ ing cities？
a．Mount Abu
b．Aurangabad
c．Bijapur
d．Madurai

4．Who appoints and dismisses the gazetted officials of the Union Government？
a．The President of India b．The Prime Minister of India c．The Home Minister of India
d．The Finance Minister of India
5．Global warming is expected to result in
a．Increase in sea level b．Change in crop pattern
c．Change in coastal line d．All of these
6．Hriday Scheme launched by Urban Development Ministry aims at？
a．Education of girl child b．Development of smart cities
c．Urban sewage treatment
d．Development of heritage sites
7．Who introduced the＂Doctrine of Lapse＂to expand British territories in India？
a．Lord Hastings
b．Lord Wellesley
c．Lord William Bentinck
d．Lord Dalhousie

8．In which mode can the computers that are associated send frames directly to each other？
a．Adhoc mode
b．Infrastructure mode
c．Structural mode d．Anonymous mode
9．The colour of the ocean appears to be blue because the sunlight falling on it is
a．reflected
b．refracted
c．diffracted
d．scattered

10．Where do the electrical charges reside in a charged con－ ductor？
a．at the core
b．throughout the body
c．dependent upon the nature of the body
d．Outer surface of the body
11．The ideal region for the cultivation of cotton in India is a．The Brahmaputra valley b．The Deccan plateau
c．The Indo－Gangetic Valley d．The Ran of Kutch
12．Which of the following groups of rivers have their source of origin inTibet？
a．Brahmaputra，Indus \＆Sutlej
b．Ganga，Sutlej \＆Yamuna
c．Brahmaputra，Ganga and Sutle
d．Chenab，Ravi \＆Sutlej
13．Which part of brain is also known as＂little brain＂？
a．cerebrum
b．cerebellum
c．Thalamus
d．Hypothalamus
14．The point where total mass of a body is supposed to be concentrated is known as
a．Dead centre
b．Centre of mass
c．Centre of gravity
d．Centre of motion

15．The temperature of a liquid is $32^{\circ} \mathrm{F}$ ．What is its tempera－ ture in Celsius scale？
a． $32^{\circ} \mathrm{C}$
b． $0^{\circ} \mathrm{C}$
b． $100^{\circ} \mathrm{c}$
d． $212^{\circ} \mathrm{c}$

16．Which title，given by the British Government to Mahatma Gandhi，was surrendered during the non－co－operation movement？

## a．Hind kesari <br> b．Rai－Bahadur <br> c．Rt．Honourable <br> d．Kaiser－e－Hind

17．Who referred to Mahatma Gandhi as＇Father of the Nation＂for the first time？
$\begin{array}{ll}\text { a．Jawaharlal Nehru } & \text { b．Sardar Vallabhai Patel }\end{array}$
c．Rajagopalachari d．Subhash Chandra Bose
18．What is net neutrality？
a．Internet service providers and governments should treat all data on the internet equally
b．Piracy in internet must be curbed
c．Internet users must give out balanced opinions in social media sites
d．Internet should be kept free from malware and virus

19．Excise duty is levied on a．Sale of goods
b．Production of goods c．Import of goods
20．Golden Revolution in India＇s refers to the growth of a．Militancy in the north east
b．Oil seeds production
d．Increased import of gold
21．Water is used in a hot water bag because
a．it is easily available b．It has high specific gravity
c．It has high specific heat d．It is a liquid substance
22．What is the meaning of＂Public Interest Litigation＂？ a．Anything of public Interest
b．A case brought by victim to court，involving public interest
c．A case brought by anyone to court involving public interest
d．A directive issued by Supreme Court involving public interest．
23．Chalukya temples（Jain temples）at Dilwara are situated in a．Madhya Pradesh
b．Uttar Pradesh
c．Rajasthan
d．Haryana
24．The most pure form of carbon among the options is
a．Anthracite
b．Lampblack
c．Graphite
d．Wood Charcoal
25．Who was the first women Chief Minister of Uttar Pradesh？ $\begin{array}{ll}\text { a．Annie Bessant } & \text { b．Mayawati }\end{array}$ c．Vijayalekshmi pandit
d．Sucheta Kripalani
26．Sullage water is ．．．．．．
a．Waste water released from kitchen
b．Waste water released from toilets
c．Waste water released from factories
d．Waste water released from hospitals
27．A cartel is an association of manufacturers or suppliers with the purpose of maintaining prices at high level and restricting competition．Which of the following is an ex－ ample of Cartel？
a．OPEC
b．IMF
c．WTO
d．UNO
28．The book entitled＇Playing it my way＇has been authored by a．Sachin Tendulkar b．V．V．S Laxman c．Saurav Ganguly d．Chetan Chauhan
29．One of the following is also called as World Bank a．IMF b．IBRD c．WTO d．IDA
30．Which one of the following weeds is effective in control－ ling water pollution caused by industrial effluents？
a．Parthenium
b．Elephant grass
c．Water hycinth
d．Mogar grass

31．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．changes each time it is installed to avoid detection by antivirus software
a．Polymorphic virus
c．logic bomb
b．worm
c．logic bomb d．Trojan horse

32．Which of the following is not true about $x$ rays？
a．Have low penetrating power
b．Travel with speed of light
c．Can be reflected or refracted
d．Can affect photographic plates
33．Stars twinkle but planets do not twinkle because a．They emit light of a constant intensity
b．Their distance from the earth doesnot change with time
c．They are very far away from the earth resulting in decrease in intensity of light
d．They are nearer to the earth and hence we receive a greater amount of light and therefore minor variations in intensity are not noticeable
34．The sexual reproductive organs of Aspergillus are： a．Spermatium and Oogonium
b．Antheridium and Oogonium
c．Spermatium and Ascogonium
d．Antheridium and Ascogonium
35．Punjab has a large number of inudation canals drawing water from
a．Jhelum river b．Chenab river
c．Beas river
d．Sutlej river
36．A wide inlet of the sea usually concave in shape，is termed as a a．Strait $\quad$ b．Sound
c．Bay
d．Fjord
37．Which of the following is not guaranteed by Indian constitu－ tion？
a．Right to equality
b．Right of religious freedom
c．Right to constitutional remedies
d．Right to free education for all
38．What situation would result if Govt expenditure exceeds the Government revenue on Current Account？
a．Deficit budgeting b．Zero based budgeting
c．Performance based budgeting
d．Surplus budgeting
39．Mission Indradhanush a programme introduced by the Union Govt is related to
a．Systematic immunization of children against disease
b．Providing insurance cover to farmers against crop failure
c．Development of fisheries in rural areas
d．Development of multiple cropping in hilly region
40．Which of the following periodicals is not correctly matched with its editor？
a．Bande Mataram－Aurobindo Ghosh
b．New India－Bipin chandra pal
c．Yugantar－Bhupendranath Dutta
d．Sandhya－Barindra Ghosh
41．Which of the following statements is correct about the President of India？
a．Addresses first session of parliament after each Gen－ eral Election
b．Addresses first session of parliament at the beginning
of each year．
c．Addresses every session of parliament
d．Never addresses parliament
42．In a Parliamentary form of government
a．The Legislature is responsible to the Judiciary
b．The Executive is responsible to the Legislature
c．The Legislature is responsible to the Executive
d．The Judiciary is responsible to the Legislature
43．Money market is market for．．．．．．．．．
$\begin{array}{ll}\text { a．Short term fund } & \text { b．Long term fund } \\ \text { c．Negotiable instruments } & \text { d．Sale of shares }\end{array}$
44．India shares longest international boundary with which country？
a．Bangladesh
b．China
c．Nepal
d．Bhutan

45．The residuary powers of legislation under Indian constitu－ tion rests with
a．President
b．Prime Minister
c．Parliament
d．States

46．Appointments for All India Services are made by
a．UPSC b．President
c．Prime minister d．Parliament
47．In Bio fortification technique plant breeders use breeding to overcome
a．Loss due to insect pests
b．Decrease in food production
c．Deficiencies of micro nutrients and vitamins
d．Loss due to plant diseases
48．The people of the Indus valley civilization worshipped．．．．
a．Vishnu b．Pasupati
c．Indra
d．Brahma
49．The Upanishads are the．
a．Great epics
b．Story books
c．Source of Hindu Philosophy
d．Law books
50．Tsangpo is the other name in Tibet for
a．Kosi b．Gandak
c．Brahmaputra d．Ganga

## Answers

1 （c） 2 （c） 3 （b） 4 （a） 5 （d） 6 （d） 7 （d） 8 （a） 9 （d） 10 （d） 11 （b） 12 （a） 13 （b） 14 （b） 15 （b） 16 （d） 17 （d） 18 （a） 19 （b） 20 （c） 21 （c） 22 （c） 23 （c） 24 （a） 25 （d） 26 （a） 27 （a） 28 （a） 29 （b） 30 （a） 31 （a） 32 （a） 33 （d） 34 （d） 35 （d） 36 （c） 37 （d） 38 （a） 39 （a） 40 （d） 41 （a） 42 （b） 43 （a） 44 （a） 45 （c） 46 （b） 47 （c） 48 （b） 49 （c） 50 （c）

## OBJECTIVE CURRENT AFFAIRS

1. The Reserve Bank of India has launched which app to help the visually challenged identify the denomination of currency notes? MAN
2. The National Green corps scheme was revived in which state/UT after almost a decade?
Jammu and Kashmir
3. Third Khelo India Youth games were held in which city? Guwahati (Assam)
4. Which state government has decided to celebrate Arun Jaitley's birth anniversary as a state function every year? Bihar
5. Which metro station in Delhi was renamed as Supreme Court metro station? Pragati Maidan
6. What will be the maximum retirement age of Chief of Defence Staff (CDS)? 65
7. Which state has been declared `disturbed' for another six months under AFSPA?

## Nagaland

8. Which Country recorded highest number of child births on January 1, 2020?
India
9. The Indian Government signed a historic peace accord with which state's insurgent groups on January 27, 2020?

## Assam

10. Which State or UnionTerritory's tableau was adjudged the best at the Republic Day Parade 2020?

## Assam

11. India's Gita Sabharwal has been appointed as the UN Resident co-ordinator in which nation? Thailand
12. Which Indian theater personality has been selected for French honour of `Knight of the Order of Arts and Letters? Sanjana Kapoor.
13. The Supreme Court has allowed the National Tiger conservation Authority to relocate which nation's cheetah to a suitable habitat in India? Namibia
14. The Union Government has offered to sell its 100 percent stake in which airlines? Air India
15. What is the name of the online web portal launched by Union Govt to speed up construction work of national highways? GATI
16. Which state's assembly passed a resolution to abolish the Legislative council on January 27, 2020?
AndhraPradesh.
17. The year 2019 marked the golden jubilee of which event, as per Economic Survey 2020?
Bank Nationalisation
18. The Economic Survey 2019-20 has projected how much GDP growth for fiscal year 2020-21?

## 6-6.5 percent.

19. What is the over-arching theme of Economic Survey 2019-20? Wealth creation
20. The India Navy launched which operation to help cyclone hit Madagascar?

## Operation Vanilla

21. Which Indian city has the world's worst traffic, as per the Global Traffic Index? Bengaluru
22. Which nation is the second biggest weapon producer after the US, as per Stockholm International Peace Research Institute's (SIPRI) annual report?

## China

23. Which Indian city is organisnig Global Potato Conclave 2020?

## Gandhinagar

24. The Central Government has targeted to install 175 Giga watt renewable energy in India by which year? 2022
25. Which famous Indian actor will feature in Man vs Wild episode with popular adventurer Bear Grylls? Rajinikanth
26. Who won the maximun awards at the $62^{\text {nd }}$ annual Grammy Awards?
Billie Eilish
27. Which album won the award for 'Best Rock Album' at the Grammy 2020 awards?
Social cues
28. Which state has launched `Shiv Bhojan' scheme (to provide a meal to the poor in just Rs.10) for the poor? Maharashtra
29. Which state's Chief Electoral Officer has won the ECl award for providing accessibility to vote to persons with disabili-
ties during Loksabha Elections 2019?
Punjab
30. How may children were honoured with the PradhanMantri Rashtriya Bal Puraskar 2020?
49
31. Which Indian actress won the Crystal Award 2020 at the $50^{\text {th }}$ World Economic Forum? Deepika Padukone
32. What is the name of the human robot that has been developed by ISRO for its space mission?
Vyommitra
33. Which state's Disaster Mitigation and Management Centre won the Subhash Chandra Bose Aapda Prabandhan Puraskar 2020? Uttarakhand
34. Which organisation launched One Trillion Trees Initiative to grow, restore and conserve I trillion trees across the world by 2030 ?
World Economic Forum (WEF)
35. Who has been elected as the new President of Archery Association of India? Arjun Munda
36. India was ranked at which position in the recently released Economic Intelligence Units (EIU's) Global Democracy In-dex-2019?
51
37. What is India's rank in the Global Talent Compeitive Index-2020? 72
38. What is India's ranking in the corruption perception Index 2019 released by Transparency International? 80
39. Which country will be the guest of honour at the New Delhi World Bank Fair 2022?

## France

40. Which country will attend the Munich Security Conference for the first time in 56 years?

## North Korea

41. India's first e-waste clinic has opened in which city? Bhopal
42. Which country has amended visitor visa rules to stop birth tourism?
United states
43. How many people are unemployed and not getting any work in the world as per the ILO's World Employment and Social Outlook Trends 2020? 188 million
44. India's external Affairs Minister S Jaishankar recently inaugurated Mahatma Gandhi International Convention Centre in which country? Niger
45. Challa Sreenivasulu Setty has become the Managing Director of which bank? SBI
46. The World Archery has conditionally lifted the suspension imposed on which organisation? Archery Association of India (AAI)
47. Which country has elected Katerina Sakellaropoulou as its first woman President? Greece
48. Which city is hosting the $50^{\text {th }}$ World Economic Forum event? Davos
49. ISRO has indentified how many astronauts for its upcoming manned mission Gaganyan?
Four
50. Which country launched e-passport facility on January 22,

## 2020?

## Bangladesh

51. Which Indian city secured first position in JLL city Momentum Index (World's most dynamic city) 2020? Hyderabad
52. Which global institution recently released World Investment Trends Monitor-2019 report? UNCTAD
53. Which country topped the carbon Disclosure project 2019? United states
54. India was ranked at which position in the Carbon Disclosure Project 2019?
Fifth
55. Who was the Chief Guest at India's $71^{\text {st }}$ Republic Day celebrations?
Jair Bolsonaro (Brazil's President)
56. The One Nation One Ration Card scheme will be implemented across India on which data?
June 1, 2020
57. Andhra Pradesh Government has proposed to make which city as its Judicial capital? Kurnool
58. Which International Organization has predicted reduced growth forecast of 5.8 percent for India in 2020? IMF
59. Which film won the Best Film Award at the $26^{\text {th }}$ Annual Screen Actors Guild Awards? Parasite
60. Who won best actor award in a drama series at the SAG Awards 2020?
Peter Dinklage
61. Who has been elected as the $11^{\text {th }}$ BJP National President? Jagat Prakash Nadda
62. Who has been appointed as the RBI Deputy Governor? Michael Debabrata Patra
63. Who is the first Indian women officer ot lead an all-men Contingent during the Army Day Parade on January 14, 2020? Captain Tanya Shergill
64. Which Indian advocate was recently appointed as the Queen's counsel? Harish salve
65. Yashaswini scheme for women entrepreneurship was launched in which state? Goa
66. Kerala has invoked which article to challenge CAA in the Supreme Court? Article 131
67. Which Tribal refugee community will now be given permission to settle in Tripura following the signing of a historic agreement on January 16, 2020? Bru-Reang
68. What is the ranking of Indian passport in Henley passport Index 2020? 84
69. Which cricketer won the Polly Umrigar Award? Jasprit Bumrah (Best male international cricketer)
70. Who won ICC 2019 Spirit of Cricket Award? Virat Kohli
71. Which country passed a law to make 'Ethnic Unity' mandatory? Tibet
72. Which cricketer has been left out from BCCI's annual player contract list for 2020?

## M S Dhoni

73. Which scheme was launched in Goa to ensure wellness and welfare of women on January 11, 2020? Swasthya Sakhi Project
74. What is the name of the Petroleum Conservation Research Association (PCRA's) recently launched campaign for fuel conservation?
Saksham
75. Who has been selected as the best cricketer of the year 2019 by ICC?
Ben stokes

## KAS QUESTION PAPER WTH PRONISONALANSWWERKEY

## Question Code : 015/2020-A

1. Which kingdom had matriarchy in South India?
(A) Pandya
(B) Chera
(C) Pallava
(D) Chola
2. Which script was introduced in South India by Ashoka?
(A) Prakrit
(B) Pali
(C) Brahmi
(D) Kharosthi
3. Mark the correct statement:
4. "Mughal rule began and ended at Panipat"
5. Marathas were defeated in the Third Battle of Panipat.
6. French rule began with Panipat.
7. French power ended with Panipat.
(A) 1 is correct.
(B) 2 is correct.
C) Both 1 and 2 are correct. (D) None of the above
8. Growth of vernacular literature in Medieval India was the greatest contribution of
(A) Vijayanagar Kingdom(B) Bahmani Kingdom
$\begin{array}{ll}\text { (C) Bhakti movement saints } & \text { (D) Sultans of Delhi }\end{array}$
9. Mark the correct statement:
10. Nizamuddin Auliya was the contemporary of Muhammad Tughluq.
11. Tulsidas was influenced by Shaikh Salim Chishti.
(A) 1 only
(B) Both 1 and 2
(C) 2 only
(D) Neither 1 nor 2
12. Which ruler of South India planted the Tree of Liberty? $\begin{array}{ll}\text { (A) Tipu } & \text { (B) Haider Ali }\end{array}$
$\begin{array}{ll}\text { (C) Prataparudra Deva } & \text { (D) Dost Muhammad }\end{array}$
13. Mark the incorrect statement:
14. Ashtapradhan is associated with Shivaji.
15. Shivaji was the organiser of Maratha Rajya.
16. Sulh-i-kul was the idea of Shivaji
17. Treaty of Purandar took place with Shivaji.
(A) 1 is incorrect.
(B) 2 is incorrect.
(C) 3 is incorrect
(D) All are incorrect
18. Mahmud Gawan was the minister of
(A) Bahmani Kingdom
(B) Vijayanaga
(C) Bidar
(D) Berar
19. Which ruler used marble in his buildings?
(A) Akbar
(B) Jahangir
(C) Shah Jahan
(D) Aurangzeb
20. Who wrote the book 'A Nation in the Making' ?
(A) Sarojini Naidu
(B) Jawaharlal Nehru
C) Abul Kalam Azad
(D) S.N. Banerjee
21. Which among the following is not a work of Pandit Karuppan?
(A) Anandasutram
(B) Lankamardanam
(C) Sthothramandaaram (D) Acharabhooshanam
22. Consider the following pairs:

Organization
Founder

1. Vidyaposhini Sahodaran Ayyappan
2. Ananda Maha Sabha

Vagbhadananda
Which of the pairs given above is/are correctly matched?
(A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
013. Consider the following statements:

1. She was nominated to Cochin legislative assembly to advise about the Namboothiri Bill.
2. She was an elected member of Malabar District Board
3. She was related with Paliyam Satyagraha
4. She wrote the book 'Akalathiruttu'.

Which among the above statement/statements regarding Arya Pallom is/are correct?
(A) 1 only
(B) 1 and 2 only
(C) 1, 2 and 3 only
(D) All of the above
014. With reference to the Cochin Nair Act of 1937-38, consider the following statements:

1. It abolished Marumakkathayam and joint families.
2. It prohibited the marriage of a female less than 16 years
of age and male lessthan 21 years of age.
3. It also prohibited the practice of polygamy.

Which of the statement/statements given above is/are correct?
(A) 1 only
(C) 3 only
(B) 2 only
(C) 3 only
(D) All of the above
015. Name the former Chief Minister of Kerala who got opportunity to become member of Cochin Praja Mandal, Thiru-Kochi, Kerala Legislative Assemblies and Rajya Sabha.
(A) EMS Namboothiripad (B) R. Sankar
(C) C. Achutha Menon (D) K. Karunakaran
016. The Kerala Panchayat Raj Bill 1994 was passed by the assembly during the tenure of which Minister for Local Administration:
$\begin{array}{ll}\text { (A) M.K. Munir } & \text { (B) C.T. Ahammadali }\end{array}$
(C) V.J. Thankappan
(D) K. Balakrishna Pillai
017. Regarding the second coalition ministry of EMS Namboothiripad, consider the following statements:

1. The Ministry took office in the year 1966.
2. It consisted of CPI(M), CPI, the Muslim League, the RSP, the Karshaka Thozhilali Party and the Kerala Socialist Party. 3. C.H. Muhammed Koya was the Minister for Education. Which of the above statements are correct?

## (A) 1 and 2

(B) 1 and 3
(C) 2 and 3
(D) None of the above
018. The person who resigned from the Aikya Kerala Committee with the belief that State headed by a Rajapramukh will not be helpful to the formation of a democratic State.
(A) K.P. Kesava Menon (B) K. Kelappan
(C) T. Prakasam
(D) T.K. Madhavan
019. Which among the following political parties participated in the Vimochana Samaram?
A) PSP
(B) RSP
C) None of the above
(D) Both of the above
020. Name the first MLA who lost the seat as a result of a court order.
(A) Bhargavi Thankappan (B) M. Umesh Rao
(C) Rosamma Chacko
(D) Rosamma Punnose
021. Which one of the following events is related with the 2nd World War period (1939-45)?
$\begin{array}{ll}\text { (A) Moroccan crisis } & \text { (B) Zimmermann Telegram }\end{array}$
(C) Operation Barbarossa (D) The Berlin Blockade
022. Consider the following pairs:

## Ideas

Ideology

1. NATO

Capitalism
2. SEATO

Communism

## 3. NAM

Neo-Colonialism
4. AUTARKY International Trade

Which of the pairs given above are correctly matched?
(A) 1,2 and 3 only
(B) 3 and 4 only
(D) 2 and 4 only

## (C) 1 only

23. Consider the following statements:
24. The process of victory of anti-colonial struggles and achievement of freedom by colonies came to be known as decolonisation.
25. These struggles were won only by means of force and violence.
26. Anti-colonial struggles achieved their first success in Africa and then in Asia.
Which of the statements given above is/are correct?
(A) 1 and 2 only
(B) 1 only
(C) 1 and 3 only
(D) 1, 2 and 3
27. Consider the following statements:
28. The International Labour Organization (ILO) was established after the 1st World War to secure social justice. 2. The ILO was part of the Treaty of Versailles of 1919. 3. The ILO became the first specialised agency of the UN in 1946.
29. India is a founder-member of the ILO.

Which of the statements given above is/are correct?
(A) 1 and 2 only
(B) 4 only
(C) 2, 3 and 4 only
(D) 1, 2, 3 and 4
025. With reference to the consequences of the Industrial Revolution, which of the following statements is/are correct? 1. Subjugation of agricultural countries of the world 2. Increased unautomated production
3. Rise in per capita income.

Select the correct answer using the codes given below:
(A) 1 and 3 only
(B) 2 only
(C) 2 and 3 only
(D) 1, 2 and 3
026. Consider the following statements:

1. Globalization is an ongoing process starting from the dawn of civilization.
2. Some scholars find origins of globalization in the expansion of imperialism in Asia and Africa by European powers. 3. Globalization came about with the revolution in transport and communication technologies during 19th and 20th centuries.
3. The process of globalization was increasingly felt only in 1970s.
Which of the statements given above is/are correct?
(A) 1 and 2 only
(B) 4 only
(C) 2, 3 and 4 only
(D) 1, 2, 3 and 4
4. With reference to the Industrial Revolution in England, which one of the following statements is correct?

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(A) Guild System promoted Industrial Revolution
(B) Greater production of goods resulted in end of factory system.
(C) Manufacturing methods also changed the methods of agriculture.
(D) None of the above.
028. With reference to the politico-economic theory of Communism, which one of the following statements is not correct? (A) Marxist ideas of how to change the world was based on a scientific analysis of society through history.
(B) No society can be Socialist before having gone through the stages of Capitalism.
(C) Capitalism itself creates the conditions for the overthrow of the capitalist society.
(D) Karl Marx showed that the material bases of life never determine the nature of society.
029. With reference to colonization, which one of the following statements is NOT correct?
(A) The ideology of Imperialism encourages conquest and colonial domination.
(B) Colonialism produces a dualistic society in which one sector is modern and capitalist while another sector is traditional and pre-capitalist.
(C) In colonial India, agriculture had no capitalist element. (D) None of the above.
030. With reference to the resolution on Partition Plan of Palestine State of 1947, which one of the following statements is correct?
(A) Palestine was under French mandate System after the 1st World War.
(B) The Plan of Partition was recommended by the U.S.A. in 1947.
(C) After this resolution, a civil war broke out and the plan was not implemented.
(D) All the statements are correct.
031. Consider the following statements:

1. In Kerala, the megaliths are burial sites.
2. Iron objects and pottery are the main items found from megalithic burials in Kerala.
3. 'Pattanam' is a megalithic burial site. Which of the above statement/s is/are not correct?
(A) 1 only
(B) 1, 2 and 3
(C) 3 only
(D) All of the above
4. Which among the following is not related with medicine in Kerala?
(A) Matangaleela
(B) Prakriya Sarvaswam
(C) Ashtanga Sareeram (D) Prayoga Samuchayam
5. With reference to the temple architecture of Kerala, consider the following statements:
6. Pallava style of architecture influenced temple architecture in Kerala.
7. Koothambalam is an important feature of Kerala temple architecture.
8. Vimana is an important feature of Kerala temples.

Which of the above is/are not correct?
(A) 1 only
(B) 3 only
(C) 1 and 2 only
(D) 1, 2 and 3
034. Consider the following:

1. Mampalli copper plate of Shri Vallabhan Kota is the first record that used Kollam Era.
2. Parthivapuram copper plate refers to the grants of land to 'Salai'.
3. Jewish copper plate speaks of a grant to Joseph Rabban.

Which of the above statement/statements is/are correct?
(A) 1 only
(B) 1 and 3 only
(C) 1, 2 and 3
(D) None of the above
035. Consider the following pairs:

Work

1. Kokila Sandesa
2. Ascharya Choodamani
3. Bhashashtapathi

## Author

Uddanda Sastrikal
Saktibhadra
Which of the above pairs is/are correctly matched?
(A) 1 only
(B) 1 and 2 only
(C) 1, 2 and 3
(D) None of the above
036. Which among the following palace is famous for its mural painting 'Gajendramoksha'?
(A) Mattanchery Palace (B) Padmanabhapuram Palace
(C) Chirakkal Palace (D) Krishnapuram Palace
037. With reference to caste system in Kerala, consider the following statements:

1. 'Mannappedi' and 'Pulappedi' were abolished by Sri Kerala Varma of Venad by issuing an order.
2. 'Sankara Smriti' is a text dealing with caste rules and practices.
3. 'Channar' agitation was a caste movement.

Which of the statement/statements is/are correct?
(A) 1 only
(B) 2 only
(C) 1, 2 and 3
(D) 1 and 3 only
038. Consider the following:

1. Revathipattathanam was an annual scholarly assembly patronised by Zamorin of Calicut.
2. 'Kadannirikkal' is an important aspect of Revathipattathanam 3. Head of Payyurfamily was the chiefjudge of Revathipattathanam Which among the above statement/s is/are NOT correct?
(A) 1 only
(B) 2 only
(C) 2 and 3 only
(D) 1, 2 and 3
3. With reference to the evolution of the Malayalam language consider the following statement/s:
4. The word 'Jannal' came to the Malayalam language from Portuguese.
5. 'Diwan' is a word that came to Malayalam from Arab language 3. 'Samkshepa Vedartham' is the first printed book in Malayalam.
Which of the above is/are correct?
(A) 1 and 3 only
(B) 1 and 2 only
(C) 1, 2 and 3
(D) None of the above.
6. Consider the following:
7. 'Parahita' system of astronomy existed in Kerala.
8. Katapayadi system employed letters to denote numbers.
9. 'Laghubhaskareeya Vyakhya' is an astronomical work.

Which among the above statement/s are correct?
(A) 1 and 2 only
(B) 1 and 3 only
(C) 1,2 and 3
(D) 2 and 3 only.
041. Which one of the following statements about the Private Bill in Indian Parliament is NOT correct?
(A) It is introduced by any Member of Parliament other than a Minister
(B) Its drafting is the responsibility of the member concerned
(C) Its rejection by the House has no implication on the parliamentary confidence in the government or its resignation.
(D) Its introduction in the House requires seven days' notice.
042. Which of the following statements are correct regarding the federalism of India?

1. Indian Federation is "an indestructible Union of destructible states"
2. Indian Federation is "an indestructible Union of indestructible states"
3. The term 'federation' has nowhere been used in the Constitution
4. The Parliament can make laws on any matter in the State List for implementing the international treaties, agreements or conventions
(A) 1,3 and 4
(B) 2, 3 and 4
(C) 1, 2 and 3
(D) 1, 2 and 4
5. Considering different schedules in the Constitution of India, which of the following pairs are correctly matched?
6. Fifth Schedule : Provisions relating to the administration and control of Scheduled Areas and Scheduled Tribes
7. Sixth Schedule : Allocation of seats in the Rajya Sabha to the States and UnionTerritories
8. Ninth Schedule : Acts and Regulations of the state legislatures dealing with landreforms and abolition of the Zamindari system
9. Tenth Schedule : Provisions relating to the administration of tribal areas in the States of Assam, Meghalaya, Tripura and Mizoram
(A) 1,2 and 3
(B) 1, 3 and 4
(C) 1 and 3 only
(D) 1 and 4 only
10. Which of the following statements relating to Right to Property in the Constitution of India is NOT correct today?
11. Right to Property is a Constitutional Right
12. It is not a part of the basic structure of the Constitution
13. It protects private property against executive action but not against legislative action
14. In case of violation, the aggrieved person cannot move the High Court under Article 226.
(A) 2 and 3
(B) 3 and 4
(C) Only 3
(D) Only 4
15. In India, a Bill is not to be deemed to be a Money Bill, if it contains provision for-
(A) the imposition, abolition, remission, alteration or regulation of any tax
(B) the imposition of fines or other pecuniary penalties, or the demand or payment of fees for licences or fees for services rendered
(C) the appropriation of money out of the Consolidated Fund of India
(D) the regulation of the borrowing of money by the Union Government.
16. Which among the following statement is NOT correct regarding the election of the Vice-President of India?
(A) The electoral college consists of both elected and nominated members of the Parliament
(B) The electoral college does not include the members of the State Legislative Assemblies
(C) The electoral college includes the elected members of the State Legislative Assemblies
(D) All doubts and disputes in connection with election of the Vice-President are inquired into and decided by the Supreme Court whose decision is final.
17. Which one among the following is added to fundamental duties through the 86th Amendment Act, 2002 of the Indian Constitution?
(A) who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years
(B) to develop the scientific temper, humanism and the spirit of Inquiry and reform
(C) to protect and improve the natural environment including forests, lakes, rivers and wildlife, and to have compassion for living creatures
(D) to safeguard public property and to abjure violence.
18. Which of the following pairs are correctly matched?
19. Swaran Singh Committee : Fundamental Duties
20. Balwant Rai Mehta Committee : Three-tier system of

## Panchayati Raj Institutions

3. Rajamannar Committee : Two-tier system of Panchayati Raj Institutions
4. Ashok Mehta Committee : Centre-State relations
(A) 1, 2 and 4
(B) 1, 2 and 3
(C) 2 and 3 only
(D) 1 and 2 only
5. Which writ among the following is a command issued by the court to a public official asking him to perform his official duties that he has failed or refused to perform, which can also be issued against any public body, a corporation, an inferior court, a tribunal or government for the same purpose?
(A) Certiorari
(B) Mandamus
(C) Quo-Warranto
(D) Habeas Corpus
6. Considering the powers of Lok Sabha and Rajya Sabha in the Indian Parliament which of the following statement is NOT correct?
(A) A Money Bill can be introduced only in the Lok Sabha and not in the Rajya Sabha
(B) Rajya Sabha can only discuss the budget but cannot vote on the demands for grants
(C) Rajya Sabha and Lok Sabha have equal powers in the introduction and passage of ordinary Bills
(D) Only Lok Sabha has power in the introduction and passage of financial Bills involving expenditure from the Consolidated Fund of India.
7. Who among the following called Indian Federalism a "cooperative federalism"?
(A) K.C. Wheare
(B) Morris Jones
(C) Granville Austin
(D) Ivor Jennings
8. Which one among the following statement is NOT correct about the Comptroller and Auditor General of India?
(A) Comptroller and Auditor General of India submits his audit reports relating to the accounts of the Centre to the Chief Justice of Supreme Court.
(B) Comptroller and Auditor General of India is not eligible for further office, either under the Government of India or of any state, after he ceases to hold his office.
(C) Comptroller and Auditor General of India's salary and other service conditions are determined by the Parliament. (D) Comptroller and Auditor General of India advises the President with regard to prescription of the form in which the accounts of the Centre and the States shall be kept.
9. 'Per incurium' judgement means:
(A) judgement stands as a valid precedent
(B) partially allowed decision
(C) having no bindingness in subsequent decisions
(D) rebuttable judgement.
10. Which one of the follolwing is NOT true of the doctrine of necessity as applied in adminstrative hearings?
(A) Administrative decisions not based on sound necessity is justifiable.
(B) Necessity acts as an exception to bias.
(C) The non-application of the doctrine in certain situations would impede justice.
(D) It postulates that every kind of preference made in administrative decisioins and its process need not vitiate an administrative action.
11. In order to form a new State, which Schedule in the Constitution of India needs to be amended?
(A) Second Schedule
(B) Tenth Schedule
(C) Third Schedule
(D) First Schedule.
12. As per the Child Labour (Prohibitioin and Regulation) Act, 1986 a 'week' means a period of 7 days beginning at midnight of
(A) Sunday
(B) Monday
13. 'Recess' under Indian Constitutional Scheme means:
(A) interval between prorogation of Parliament and its reassembly in new session
(B) Parliament in session
(C) adjournment of Parliament
(D) dissolution of House.
14. Match the provisions in the Indian Constitution (List-I) with the country from which it is adopted in List-II.
List-I
List-II
Constitutional Provisions
of India
15. Concurrent List
16. Suspension of Fundamental

Rights during emergency
3. Method of election of the President
4. Residual Powers
5. Amendment of the Constitution

Select the correct match:
(A) 1 (d), 2 (a), 3 (c), 4 (b), 5 (e)
(B) 1 (b), 2 (a), 3 (d), 4 (e), 5 (c)
(C) 1 (a), 2 (b), 3 (c), 4 (d), 5 (e)
(D) 1 (e), 2 (d), 3 (b), 4 (c), 5 (a)
059. Article 300A protects
(A) private property against executive action but not against legislative action
(B) private property against legislative action but not against executive action
(C) private property from both executive and legIslative action (D) none of the above.
060. ' $X$ ' cuts a mango tree in a government land and sells the wood for money. He is liable under the Kerala Land Conservancy Act with
(A) a fine of Rs. 200 and imprisonment which may extend to 6 months.
(B) damages of three times the value of the tree and fine of Rs. 500 only.
(C) damages of three times the value of the tree and fine of Rs. 500/- or punishment of imprisonment extending to 6 months.
(D) None of the above.
061. As per the Indian Constitution, the essential qualifications to become a Chief Election Commissioner are:
(A) Should have been in Indian Administrative Service.
(B) Should have completed thirty five years of age.
(C) Should have practised law for not less than five years in any High Court.
(D) None of the above.
062. Which one of the following is NOT true with regard to India's reservation to the provisions of Convention on Elimination of All forms of Discrimination Against Women (CEDAW)?
(A) to take measures to eliminate culture-induced stereotype role of men and women.
(B) to take measures in changing personal laws especially in matters of marriage, family, guardianship etc.
(C) reference of disputes to International Court of Justice in case of failure of arbitration.
(D) to take measures to eliminate discrimination by any person, organization or enterprise.
063. Which of the following is NOT one of the core values of Pub-
lic Administration?
(A) Efficiency
(C) Bureaucracy
(B) Equity
(C) Bureaucracy
(D) Effectiveness
064. "Entropy" is a law of nature in which all forms of organizations move towards
(A) Disorganization and death (B) Continuous improvement
$\begin{array}{ll}\text { (C) Growth and continuity } & \text { (D) Rebirth and emergency. }\end{array}$
065. Under the Indian Constitution, the residuary powers are vested in:
(A) the States $\quad$ (B) the Centre
(C) the States and Union Territories
(D) equally divided between the Centre and the States.
066. The process of transmitting the idea or thought into meaningful symbols is called:
(A) Decoding
(B) Encoding
$\begin{array}{ll}\text { (C) Feedback } & \text { (D) Reception. }\end{array}$
067. Which of the following violates the principle of Utility of Command? (A) Functional organization (B) Bureaucratic organization
(C) Manufacturing organization (D) Product organization.
068. The first Municipal Corporation was established in India at: (A) Chennai (B) Delhi (C) Hyderabad (D) Mumbai.
069. Which of the following is NOT a feature of good governance?
(A) Accountability
(B) Transparency
(C) Nepotism
(D) Rule of law
070. "Leaders are born and not made" is a perception based on: (A) Contingency Theory of Leadership
(B) Trait Theory of Leadership
(C) Fiedler's Model of Leadership
(D) Situational Leadership.
071. Atul and his father were born in the months of December and September respectively. In 2017 both their birthdays fell on Sundays. If in 2020 Atul's birthday falls on a Thursday, his father's birthday will fall on
(A) Wednesday
(B) Friday
(C) Thursday
(D) Monday
072. A man can plough a field alone in 20 days. His wife can plough it in 25 days. When they plough the field with their son they can plough it in 5 days. How many days would the son take if he were to plough the field alone?
(A) $8 \frac{1}{11}$
(B) $9 \frac{1}{11}$
(C) $10 \frac{1}{11}$
(D) $11 \frac{1}{11}$
073. Which of the following will be a point on a line that contains (-
$1,-1)$ and $(2,5)$ ?
(A) $(30,41)$
(B) $(80,91)$
(C) $(100,201)$
(D) $(110,121)$
074. Radhika sold her treadmill on OLX to a customer at a loss of $6 \%$ to the original cost. If she had sold it for Rs. 1250/- more, she would have gained $4 \%$. What is the original cost of the treadmill?
(A) 12500
(B) 11750
(C) 13000
(D) 10000
075. In a college 200 students took admission in different subjects. 56 students took Biology, 62 took Maths, 84 took Psychology. 18 students took Biology and Maths, 20 took Biology and Psychology and 12 took Maths and Psychology. If 8 students took all three subjects how many students took none of these subjects?
(A) 10
(B) 20
(C) 30
(D) 40
076. Six persons are seated on a round dining table in such a way that Atul sits in front of Binoy, Elias sits between Atul and David, Firoz sits to the left of Binoy and Chaaya sits between Atul and Firoz.
(A) David
(B) Firoz
(C) Chaaya
(D) Binoy
077. Find the next number to the following .... 1, 1, 2, 4, 8, 12, 144, 1728,
(A) 4625
(B) 1872
(C) 1525
(D) 4681
078. In a certain code the numbers are coded as follows: '325' is coded as '105' '436' is coded as '137' and '547' is coded as 169'. What will be the code for 258 ?
(A) 305
(B) 157
(C) 102
(D) 111
079. How many squares and rectangles can be drawn by a set of 4 straight parallel lines perpendicular to another set of 4 parallel lines?
(A) 125
(B) 135
(C) 130
(D) 140
080. Sudha secured $48 \%$ of Radha's marks, and Sunil secured $60 \%$ of Radha's marks. What is 'p' if Sudha secured 'p' percent of Sunil's marks?
(A) 50
(B) 60
(C) 70
(D) 80
081. If $P$ PQ means $P$ is daughter of $Q, P+Q$ means $P$ is father of $Q, P^{*} Q$ means $P$ is mother of $Q, P-Q$ means $P$ is brother of $Q$, then in the expression $A X B^{*} C-D \times F$, how are $B$ and $F$ related?
(A) Wife and husband (B) Brother and sister
(C) Mother and son (D) Father and daughter
082. The ratio of Mother's age to the Son's age is 11:6. Five years ago the Mother's age was double the age of the Son. How many times the Son's age will the Mother's age be twenty years from now?
(A) 2.25 times
(B) 2 times
(C) 1.75 times
(D) 1.5 times
083. A group of men can row a canoe at 40 kilometers per hour in still water. After rowing fr 2 hours the stream flows downhill and they take two more hours to reach a point. On the way back by the same route the time taken is two times the time taken for onward journey. What is the speed of the stream?
(A) $10 \mathrm{~km} /$ hour
(B) $20 \mathrm{~km} / \mathrm{hour}$
(C) $30 \mathrm{~km} / \mathrm{hour}$
(D) $40 \mathrm{~km} / \mathrm{hour}$
084. Give the next in the series. A9B, C49D, E121F,...
(A) G 199 H
(B) G 221 H
(C) G 281 H
(D) G225H
085. A person buys a house for 15 lacs and sells it for 20 lacs. After five years he buys the same house at 30 lacs and sells it for 40 lacs. What is the overall profit percent for that person over both the transactions?
(A) $30.33 \%$
(B) $33.33 \%$
(C) $35.33 \%$
(D) $40.33 \%$
086. Match the following:

List I
(Longitudes)

## List II

(Longitudes) (Dates)

1. $180^{\circ}$ longitude
b. Tropic of Cancer $2.231_{2}{ }^{\circ} \mathrm{N}$ latitude
c. International Date Line $3.0^{\circ}$ longitude
d. Arctic Circle $\quad 4.2312^{\circ}{ }^{\circ}$ S latitude
e. Tropic of Capricorn $\quad 5.66 \frac{1}{2}{ }^{\circ} \mathrm{N}$ latitude

2. A ship sailing from the eastern extremity of the Aleutian Is lands to Dutch Harbour crosses $180^{\circ}$ meridian at 23.30 hrs on January 1, 1999. What time and date will be recorded by the captain of the ship in his diary after one-hour journey from the point of crossing of the meridian?
(A) January, 1, 00.30 hrs (B) January, 2, 00.30 hrs
(C) January, 3, 00.30 hrs (D) January, 4, 00.30 hrs
3. Assertion (A): A Karst topography is characterized by the formation of stalactites and stalagmites.
Reason ( R ): Solution is a dominant process in the development of land forms in Karst Region.
(A) Both $A$ and $R$ are true and $R$ is the correct explanation of $A$
(B) Both $A$ and $R$ are true but $R$ is not the correct explanation of $A$
(C) $A$ is true but $R$ is false
(D) $A$ is false but $R$ is true.
4. Consider the following statements about the "Roaring Forties"
I. They blow uninterrupted in the Northern and Southern Hemisphere.
II. The blow with great strength and constancy.
III. Their direction is generally from North-West to East in the Southern Hemisphere.
IV. Overcast skies, rain and raw weather are generally associated with them.
Which of these statements are correct?
(A) I, II and III
(B) II, III and IV
(C) I, II and IV
(D) I, II and IV
5. For short-term climatic predictions, which one of the follow ing events, detected in the last decade, is associated with occasional weak monsoon rains in the Indian sub-continent? (A) La Nina
(B) Movement of Jet Streams
(C) El Nino and Southern Oscillations
(D) Greenhouse effect on global level.
6. Consider the following statements regarding the earthquakes: I. The intensity of earthquake is measured on Mercalli scale. II. The magnitude of an earthquake is a measure of energy released.
III. Earthquake magnitudes are based on direct measurements of the amplitude of seismic waves.
IV. In the Richter scale, each whole number demonstrates a hundredfold increase in the amount of energy released.
Which of these statements are correct?
(A) I, II and III
(B) II, III and IV
(C) I and IV
(D) I and III
7. Volcanic eruptions do not occur in the
C) Caribbean
(D) Caspian
8. Assertion (A): Anti-cyclonic conditions are formed in winter season when atmospheric pressure is high and air temperatures are low.
Reason (R): Winter rainfall in Northern India causes devel-
opment of anti-cyclonic conditions with low temperature.
(A) Both $A$ and $R$ are individually true, and $R$ is the correct explanation of A .
(B) Both A and R are individually true, but R is NOT a correct explanation of $A$.
(C) $A$ is true, but $R$ is false.
(D) A is false, but R is true.
9. The characteristics of a cyclone include:
I. Air convergence II. Upliftment of air
III. Centrifugal air flow IV. Circular air motion
(A) I and IV
(B) I, II and IV
(C) I, II and III
(D) All of these
10. Consider the following statements: "Vulcanicity" refers to I. all those processes in which molten rock material or magma rises into the crust.
II. the greater bulk of the volcanic rocks of the earth's surface were erupted from volcanoes
III. the process of solidification of rock into crystalline or semi crystalline form from molten rock material after being poured out on the surface.
Which of the statements given above are correct?
(A) I, II and III
(B) I and II
(C) II and III
(D) I and III
11. Consider the following statements regarding the Saharan dust. 1. The Saharan dust : fertilize the Amazon rainforest.
12. It provides mineral nutrients for phytoplankton in the Atlantic Ocean.
13. It helped to build beaches across the Caribbean after being deposited for thousands of years.
14. The Saharan dust : do not play any role in determining the intensity of hurricanes in the Atlantic Ocean.
Which of the statements listed above are true?
$\begin{array}{ll}\text { (A) } 1 \text { and } 2 \text { only } & \text { (B) } 2 \text { and } 3 \text { only }\end{array}$
(C) 1,2 and 4 only
(D) 1, 2 and 3 only
15. Consider the following pairs
$\frac{\text { Waterfall }}{\text { 1. Chitrakoot }} \quad: \frac{\text { River }}{\text { Indrava }}$
16. Dudhsagar : Zuari
17. Jog : Sharavathi
18. Athirapally : Chalakudy

Which of the pairs given above are correctly matched?
(A) 1, 2 and 3 only
(B) 1,3 and 4 only
(C) 3 and 4 only
(D) 1,2, 3 and 4
098. Where is the Cherrapunji scarp located?
(A) Jaintia Hills
(B) Garo Hills
(C) Khasi Hills (D) Naga Hills
099. Given below is a list of towns in Southern Karnataka. Which town among these can be identified as a ghost town?
(A) Mangaluru
(B) Kudremukh
(C) Sakleshpur
(D) Mudbidri
100. Consider the following statements:

1. One of the largest flooded areas was those adjacent to the backwaters along the coast. Areas adjoining these wetlands that are normally flood-free were flooded to a large extent
2. The outlets to the sea, (pozhis/sand banks and spillways), did not have the capacity to evacuate high flood flows from the rivers, as they occurred, into the sea and thereby aggravating the floods.
3. The flood situation in the coastal areas was intensified by the perigean spring tide, during 11-15 August 2018.
4. Sustained strong onshore winds, resulting in abnormally high sea levels, hampered river outflow into the sea and intensified the flood. Which among the following statements, listed above, are true with regard to the Kerala floods of August 2018 ?
A) 1,2,3 and 4
(B) 1 and 4 only
(C) 1, 2 and 4 only
(D) 2 and 3 only


## Question Code : 016/2020-M

## PAPER 2

1. "By and large land reforms in India enacted so far and those contemplated in the near future... are in the right direction and yet due to lack of implementation the actual results are far from satisfactory". This is the view of:
(A) B.S. Sidhu
(B) M.L. Dantwala
(C) Venkatasubbiah
(D) V.S. Vyas
2. State the correct answer

A unique objective of the Eighth Plan is :
(A) Achieving self-sufficiency in food-production.
(B) Universalization of elementary education and thereby eradicating illiteracy in the age group of 15 to 35 years.
(C) Achieving a growth rate of $2.4 \%$ p.a.
(D) Export promotion and solving foreign exchange problem.
3. Arrange the Finance Commission Chairmen in the ascending order.
(A) C. Rangarajan, A.M. Khusro, Dr. Vijay L. Kelkar, Yaga Venugopal Reddy
(B) C. Rangarajan, Dr. Vijay L. Kelkar, A.M. Khusro, Yaga Venugopal Reddy
(C) C. Rangarajan, Dr. Vijay L. Kelkar, Yaga Venugopal Reddy, A.M. Khusro
(D) Dr. Vijay L. Kelkar, C. Rangarajan, A.M. Khusro, Yaga Venugopal Reddy
4. In which of the following Industrial policies were the major changes introduced?
(i) Liberalisation of licensed capacity.
(ii) Relaxation of industrial licensing.
(iii) Industrialisation of backward areas

Select the correct answer using the codes given below.
(A) Industrial policy resolution, 1956
(B) Industrial policy statement, 1977.
$\begin{array}{ll}\text { (C) Industrial policy of 1980. } & \text { (D) Industrial policy of } 1991 .\end{array}$
5. Which of the following could be said to have prevented the 'trickle down' effects in Indian economy?
(i) Increased dependence of agriculture on purchased inputs and privately managed irrigation.
(ii) More employment of labour by larger landholding farmers.
(iii) Lowered participation of women in agricultural workforce due to new technology.
(iv) The failure of the Green Revolution.
(A) (i) and (iii)
(B) (ii) and (iii)
(C) (i) and (ii) (
D) (ii) and (iv)
6. Which of the following statements is not correct about Pradhan Mantri Kaushal Vikas Yoina?
(A) It was launched in March 2015
(B) It will provide training to 300 million youths.
(C) It will be implemented by the ministry of skill developmen and entrepreneurship.
(D) It will focus on the class X and class XII students
7. Land Reform does not refer to :
(A) Elimination of all forms of exploitation and social justice within the agrarian system.
(B) Removal of impediments arising from the agrarian structure for improved production.
(C) Consolidation of holdings.
(D) Provision of employment guarantee to the rural poor.
8. The second national commission on labour was set-up on 15th October, 1999 under the chairmanship of Ravindra Verma and the report was submitted on 29th June, 2002.
Which of the following is not a recommendation of the report?
(A) Prior permission is necessary before lay off or retrenchment
(B) 'Go slow' and 'work to rule' steps taken by trade unions should be considered misconduct.
(C) Organization should set-up a grievance redressal committee for organisations employing 50 or more
(D) To check multiplicity of trade unions.
9. Consider the following statements.

The knife-edge problem in the Harrod-Domar growth model implies a constant
$\begin{array}{ll}\text { (i) Rate of population growth } & \text { (ii) Output }\end{array}$
(iii) Rate of saving

Of the statements :
(A) (iv) alone is correct
(iv) Capital-output ratio
(B) (i) and (ii) are correct
(C) (i), (ii) and (iii) are correct (D) (i), (iii) and (iv) are correct
10. Consider the following statements
(i) Minimum support price is announced by the State governments.
(ii) Minimum support price is announced well before sowing
(iii) Minimum support price is announced at the time of harvest. (iv) Minimum support price is announced by the Central government.
Of the statements :
(A) (i), (ii) and (iii) are correct (B) (ii), (iii) and (iv) are correct
(C) (i) and (ii) are correct
(D) (ii) and (iv) are correct
11. Which constitutional amendment is done to pass the GST bill ? (A) 101st
(B) 120th
(C) 122 nd
(D) 115th
12. Which of the following statement islare correct about the NITI Aayog?
(i) The aim of NITIAayog is to achieve Sustainable Development

Goals and to enhance cooperative federalism in the country.
(ii) The Prime Minister of India is the ex officio Chairperson of the NITI Aayog.
(iii) There are 8 full time members in the NITI Aayog.
(A) Only (ii) and (iii) (B) Only (ii)
(C) Only (i)
(D) Only (i) and (ii)
13. Imagine that the sex ratio in Kerala decreases from 2011 census to 2021 census; which could hypothetically be the reason/s among the following?
(i) There is a mass male return migration.
(ii) There is mass exodus of females to other countries.
(iii) There is a decrease in the female feticide.
(A) (i) only
(B) (ii) only
(C) Both (i) and (ii)
(D) Both (i) and (iii)
14. Regions are categorised into different stages with respect to its achievements in growth and human development. At present which stage does Kerala State belong to among the following?
(A) Vicious
(B) Virtuous
(C) Human development lop-sided (D) Growth lop-sided
15. Kerala State is considered to be very particular in constituting Finance Commissions on a regular basis. Consider the following with respect to the fundamental Terms of Reference of these Commissions :
(i) Recommending devolution of fund from State to Local Governments.
(ii) Preparing memorandum to Union Finance Commission to assist the State finances.
Which of the statements given above is/are correct?
(A) (i) only
(B) (ii) only
(C) Both (i) and (ii)
(D) Neither (i) nor (ii)
16. Kerala's achievement in health sector is widely acknowledged. Now consider the following statements :
(i) There is a syndrome of low mortality and high morbidity.
(ii) There is a syndrome of high mortality and low morbidity.

Which of the above statements is/are not correct?
(A) (i) only
(B) (ii) only
(C) Both (i) and (ii)
(D) Neither (i) nor (ii)
17. Which among the following is not a mission put forward through the recent Nava Keralam Karma Padhathi (NKKP) of Government of Kerala ?
(A) Haritha Keralam
(B) Rebuilding Kerala
(C) Ardram
(D) LIFE
18. Infrastructure fund mobilisation structures of KIFFB is approved by : (i) Reserve Bank of India
(ii) Securities Exchange Board of India

Which of the above is/are correct?
(A) (i) only
(B) (ii) only
(C) Both (i) and (ii)
(D) Neither (i) nor (ii)
19. Consider the following statements regarding land use pattern in Kerala in 2017-18.
(i) Largest area is under forest coverage.
(ii) Largest is Cultivated Area.
(iii) Largest area is put to non-agriculture uses.

Which of the above statement is/are correct?
$\begin{array}{ll}\text { (A) (i) only } & \text { (B) (ii) only }\end{array}$
$\begin{array}{ll}\text { (C) (iii) only } & \text { (D) Both (i) and (iii) }\end{array}$
20. Consider the following statements.
(i) Compared to Primary and Secondary Sectors, Services sector share is dominating in Kerala's GSDP.
(ii) But in terms of employment/workforce, secondary sector is dominating.
Which of the above is/are correct?
$\begin{array}{ll}\text { (A) (i) only } & \text { (B) (ii) only }\end{array}$
(C) Both (i) and (ii)
(D) Nether (i) nor (ii)
following schem and its beneficiaries.
Beneficiaries
(i) Swapna Saphalyam NRKs
(ii) Santhwana Women
(iii) Insight Projects PWDs
(iv) Aswasakiranam Endosulfan victims

Which is/are not correctly matched?
(A) (ii) and (iii) (B) (i) and (iii)
(C) (ii) and (iv)
(D) (i) and (iv)
22. K-SWIFT initiative of Government of Kerala is related to :
(A) Attract investment and Ease of doing business
(B) Attract Foreign Tourists
(C) Improve Social Welfare
(D) Increase Foreign Trade
23. Loka Kerala Sabha comprises of:
(i) Legislators and Parliamentarians from Kerala.
(ii) Elected Expatriates of Kerala abroad.
(iii) Elected Expatriates of Kerala in other Indian states.

Which of the above is/are correct?
(A) Only (ii) and (iii) (B) Only (i) and (ii)
(C) Only (i) and (iii) (D) All the above
24. In its achievements in Sustainable Development Goals (SDGs), Kerala was ranked first byNITI Aayog. Which among the following is/are the main reasons for this rank?

## (i) Health

(ii) Education
(iii) Gender equality
Select the correct
(A) Only (ii) and (iii)
from below :
(C) Only (i) and (iii)
(B) Only (i) and (ii)
25. Which of the following statem All the above ence and technology?
(i) Today's science is tomorrow's technology.
(ii) The border between science and technology is well defined today.
(iii) S \& T developments of social/economic relevance are potential innovations.
(A) (i) only
(B) (ii) only
(C) (i) and (iii) only
(D) (i), (ii) and (iii)
26. Which of the following indicates the best system of public health in India?
(i) National Health Mission
(ii) Union Ministry of Health and Family Welfare
(iii) Primary Health Centers, Community Health Centers and Government Hospitals
(A) (i) only
(B) (ii) and (iii) only
(C) (i) and (iii) only
(D) (i), (ii) and (iii)
27. The following refers to a recent development in technology. "It makes it possible to easilyalter DNA sequences and modify Gene function. It can therefore correct genetic defects and improve crops, but with associated ethical problems."
Which of the following is the recent development referred to above?
(A) DNA Bar-coding
(B) CRISPR
(C) P53
(D) Terminator
28. A famous book titled ' $10 \%$ Human' argues that human cells are just $10 \%$ of body. The rest $90 \%$ cells are now considered key to our health. These $90 \%$ cells are mainly:
(A) Cells with Junk DNA (B) Cells of Gut microbes
(C) Cells with CRISPR modified DNA
(D) Stem Cells
29. Nehru's vision of S \& T resulted in development of IITs and CSIR laboratories. Even though innovations from academic system in India may be very modest, CSIR laboratories with 38 National Laboratories and 4600 Scientists and 8000 S \&T personal have impressive output.
Which of the following are products from CSIR ?
(i) Saheli (female oral contraceptive)
(ii) Sree Chithra Heart Valve
(iii) Indelible ink applied on forefingers to mark voters in elections
(iv) Coconut de-husking device
(A) (i) and (iii) only
(B) (i) only
(C) (iii) only
(D) (i), (iii) and (iv)
30. Chandrayaan-2 was a mixture of success and set-back. Which of the following statements are applicable to Chandrayaan-2 mission?
(i) It aimed at exploring south pole of the moon.
(ii) To further study the evidence of water molecule found by Chandrayaan-1.
(iii) To soft land Vikram lander on the lunar surface and to relay information to earth.
(iv) The location of crash landing of Vikram has later been identified.
(A) (i) only
(B) (ii) only
(C) (i), (ii) and (iii) only (D) (i), (ii), (iii) and (iv)
31. Consider the following statements in the context of Artificial Intelligence.
(i) Perceptron specifies all actions that need to be undertaken and specifies the order only when required.
(ii) Inductive machine learning derives the conclusion and then improves it based on the previous decisions.
(iii) Training scenario and feedback does not affect the performance of learner system.
(iv) Pattern matching allows computers to understand associations and relationships between objects and events.
Which of the statement(s) given above is/are correct?
(A) Only (i)
(B) Only (i) and (ii)
(C) Only (ii) and (iii)
(D) Only (iv)
32. With reference to the Information and Communication Technology (ICT), consider the following statements.
(i) The data related to various kinds of information with more precision and accuracy has been provided by ICT.
(ii) Through ICT, it is possible to identify the critical areas for competitive advantages in corporate sectors.
(iii) ICT products affect the process of environmental footprint of other products and activities across the economy.
(iv) The manufacturing system facilitated by ICT is energy intensive, standardized as well as departmentalized.
Which of the statement(s) given above is/are correct?
(A) All the above (B) (i), (ii) and (iii) only
(C) (i), (ii) and (iv) only (D) (i), (iii) and (iv) only
33. Consider the following statements in the context of session hijacking.
(i) It is compromising a user's session to exploit their data and
perform malicious activities or misusing their credentials.
(ii) The most common method of session hijacking is IP spoofing where the attacker acts as one of the authenticated users.
(iii) Session hijacking can be prevented by using packet sniffers and cross site scripting.
(iv) To protect the network with session hijacking, the defender has to implement security measures at Application as well as Network level.
Which of the statement(s) given above is/are correct?
(A) All the above $\quad$ (B) (i), (ii) and (iii) only
(C) (i), (ii) and (iv) only (D) (i) and (ii) only
34. Which one of the following schemes, deals with the generation of Digital Life Certificates?
(A) TIDE 2.0 Scheme
(B) MyGov
(C) Open Government Data Platform India
(D) Jeevan Pramaan
35. Which one of the following has been launched by the Central Government for providing softwares for the detection of malicious programs and free tools to remove these programs ?
(A) National Cybercrime Threat Analytics Unit
(B) Cyber Swachhta Kendra
(C) National Critical Information Infrastructure Protection Centre (D) Platform for Joint Cybercrime Investigation Team
36. The location of the planned prime landing site for Vikram Lander on Chandrayaan-2 was SLS54, which is located at 70.9 S and 22.8 E on the Moon. Consider the following statements regarding the selection of the potential landing site. (i) Visible to Earth for radio communication.
(ii) Water ice has been mapped at the site earlier by Lunar Reconnaisance Orbiter mission.
(iii) Local terrain features such that they don't shadow the site for long durations.
Which of the following statements above is/are correct?
(A) (ii) and (iii)
(B) (i) and (iii)
(C) (i), (ii) and (iii)
(D) (iii) only
37. The first dedicated Indian astronomy mission aimed at studying celestial sources in X-ray, optical and ultraviolet spectral bands simultaneously is :
$\begin{array}{ll}\text { (A) Chandrayaan-2 } & \text { (B) Gaganyaan }\end{array}$
(C) Astrosat (D) Cartosat
38. Which one of the following statements is correct?
(A) Prithvi missile is a family of strategic surface-to-surface long-range ballistic missiles.
(B) Akash is a medium-range surface-to-air missile which flies at sub-sonic speeds.
(C) Trishul is India's third generation anti-tank missile with Imaging Infra-Red guidance.
(D) Agni is intermediate range surface-to-surface missile with nuclear warhead capability.
39. The second spaceport of ISRO to launch rockets is proposed at the following location:
(A) Kulasekarapattinam, Tamil Nadu
$\begin{array}{ll}\text { (B) Kaithkhola, Odisha } & \text { (C) Pozhiyoor, Kerala }\end{array}$
(D) Krishnapatnam, Andhra Pradesh
40. The upcoming smaller counterpart of PSLV rocket is:
(A) Mini Polar Satellite Launch Vehicle
(B) Cube Satellite Launch Vehicle
(C) Small Satellite Launch Vehicle
(D) Multiple Satellite Launch Vehicle
41. "Consistent availability of sufficient energy in various forms at affordable prices" is the definition of:
$\begin{array}{ll}\text { (A) Energy management } & \text { (B) Energy policy }\end{array}$
(C) Energy security
(D) Energy conservation
42. The online platform established by the Ministry of New and Renewable Energy for Installation of Solar Photovoltaic :
(A) SPIN (B) SOLARWHIN (C) SPINE (D) INSP
43. In India the largest amount of installed grid interactive renewable power capacity is associated with :
(A) Solar power
(B) Wind power
(C) Tidal power
(D) Biomass power
44. At the headquarters of which international organisation was the Gandhi Solar Park (GSP) recently inaugurated?
(A) United Nations
(B) World Health Organization
(C) International Atomic Energy Agency
(D) International Monetary Fund
45. With reference to the cause of ozone layer depletion which of the following statement is incorrect?
(A) A number of naturally occurring substances like Hydrogen Oxide (HOx), Methane $\left(\mathrm{CH}_{4}\right)$, Hydrogen Gas $\left(\mathrm{H}_{2}\right)$, Nitrogen Oxides (NOx) causes ozone layer depletion.
(B) Chlorine Monoxide (ClO); during volcanic eruptions, sig nificant amount of chlorine may be released in the stratosphere which causes ozone layer depletion.
(C) Tiny particulate matter in the stratosphere, known as stratospheric aerosols, the only matter protect ozone layer depletion (D) Any event, which release chlorine atoms into the atmo spheric, can cause severe ozone destruction, because chlorine atoms in the stratosphere can destroy ozone very efficiently.
46. With reference to an initiative called 'The Economics of Eco systems and Biodiversity (TEEB)' which of the following statements is/are correct?
(i) It is an initiative hosted by UNEP/IMF and World Economic Forum
(ii) It is a global initiative that focuses on drawing attention to the economic benefits of biodiversity.
(iii) It presents an approach that can help decision makers recognize, demonstrate and capture the value of ecosystem and biodiversity.
Select the correct answer :
(A) (i) and (ii) only
(B) (iii) only
(C) (ii) and (iii) only
(D) (i), (ii) and (iii)
47. Biomass gasification is considered to be one of the sustainable solutions to the power crisis in India. In this context, which of the following statements is/are correct?
(i) Coconut shells, groundnut shells and rice husk can be used in biomass gasification.
(ii) The combustible gases generated from biomass gasification consist of hydrogen and carbon dioxide only.
(iii) The combustible gases generated from biomass gasification can be used for direct heat generation but not in internal combustion engines.
Which of the statements given above is/are correct?
(A) (i) only
(B) (ii) and (iii) only
(C) (i) and (iii) only
(D) (i), (ii) and (iii)
48. Assertion (A): Biosphere constitutes an excellent life-support system which is sustainable and can fulfil all human needs. Reason $(R)$ : The size and productivity of the biosphere is limited by availability of water, nutrients and environmental conditions.
Identify the correct code
(A) Both (A) and (R) are true and (R) is the correct explanation of (A).
(B) Both $(A)$ and $(R)$ are true, but $(R)$ is not the correct explanation of (A).
(C) (A) is true, but $(R)$ is false.
(D) (A) is false, but (R) is true
49. Which is the first industry using plasma technology for the disposal of hazardous waste for the conservation of the environment and natural resources ?
(A) Madras Rubber Factory (MRF)
(B) Madras Fertilizers Limited (MFL)
(C) Bharat Sanchar Nigam Limited (BSNL)
(D) Steel Authority of India Limited (SAIL)
50. Radioactive waste management in our country is governed under:
(A) Hazardous Waste (Management, Handling and Transboundary Movement)
(B) Atomic Energy Act, 1962
(C) Environment (Protection) Act, 1986
(D) Biomedical Waste (Management and Handling) Rules, 1998
Direction : Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is '(D)'. Mark your answer in the response sheet.
51. (A) When the teacher alleged
(B) My heart was interrupted beating
(C) Out of panic that I might be the victim
(D) No error
52. (A) She needs to
(B) Concentrate herself on
$\begin{array}{ll}\text { (C) Her errand } & \text { (D) No error }\end{array}$
Direction : In each question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence and mark your response in the sheet.
53. I saw
$P$ : after having an hour of long gazing
Q : a beautiful, unmatched, invaluable, sweets' sweet
R : my grandma
S : who has happened to be
The proper sequence should be :
(A) PQRS (B) QSRP (C) QPSR (D) SQPR

Direction : Read the following four sentences and rearrange them to make a coherent and logical paragraph. After deciding the sequence, mark your answer in the response sheet. 1. Some money had to be sent to my parents.
2. After that, I spent almost an hour at the Post Office.
3. Therefore, I went to bank to withdraw some money.
4. However, I had no money with me.
54. Which sentence should come third in the paragraph ?
(A) 1 (B) 2 (C) 3 (D) 4
55. Which sentence should come first in the paragraph?
(A) 1
(B) 2
(C) 3
(D) 4
56. Which sentence should come fourth in the paragraph ?
(A) 1
(B) 2
(C) 3 (D)
57. Which sentence should come second in the paragraph?
(A) 1
(C) 3
(B) 2

Direction: Choose an appropriate verb form and mark your answer in the response sheet.
58. The roof may have been leaking for the past few weeks but you do not have to worry about it any longer. It $\qquad$ now.
(A) is being repaired
(B) is repairing
(C) was repaired
(D) has been repaired
59. Over the last fifty years, mobiles _dramatically.
(A) have been developed (B) were developed
(C) have developed (D) are being developed

Direction : Identify the following sentence pattern and mark your answer in the response sheet.
60. When everything fails, God helps you.
(A) simple sentence
(B) compound sentence
(C) complex sentence
(D) compound-complex sentence

Direction : Identify appropriate connective and mark your answer in the response sheet.
61. $\qquad$ Ragu is rich, he is miser.
(A) where
(B) as long as
(C) although
(D) until

Direction : Find out the right preposition and mark your answer in the response sheet.
62. Are you wearing anything $\qquad$ your shirt.
(A) below
(D) in
(C) underneath

Direction : Read the following passage carefully and answer the questions that follow.
Mark your answers in the response sheet.
A man is known by the book he reads as well as by the company he keeps; for there is a companionship of books as well as of men and one should always live in the best company, whether it be of books or of men.
A good book may be among the best of friends. It is the same today that it always was, and it will never change. It is the most patient and cheerful of companions. It does not turn its back upon in times of adversity or distress. It always receives us with the same kindness; amusing and interesting us in youth, comforting and consoling us in age.
63. Which of the following is opposite in meaning to the word 'adversity' occurring in the passage?
(A) happiness
(B) prosperity
64. The statement, "a good book may be among the best of friends," in the passage means that :
(A) there cannot be a better friend than a good book.
(B) books may be good friends, but not better than good men.
(C) a good book can be included among the best of friends of mankind.
(D) our best friends read the same good books.
65. According to the passage, A man may usually be known by the books he reads because :
(A) His reading habits shows that he is a scholar.
(B) The books he reads affect his thinking.
(C) Books provide him a lot of knowledge.
(D) His selection of books generally reveals his temperament and character.
Direction : Find the correct meaning of the given idiomatic expression and mark your answer in the response sheet.
66. To fly off the handle
(A) To take of
(B) To be indifferent
(C) To dislocate
(D) To lose one's temper

Direction: Complete the following sentence using appropriate form of the pronoun.
67. We are eagerly expecting for
(A) they
(B) them
(C) these (D) that

Direction : Choose the one which best expresses the given sentence in Passive voice and mark your answer in the response sheet.
68. Who is creating this mess?
(A) Who has been created this mess ?
(B) By whom has this mess been created?
(C) By whom this mess is being created?
(D) By whom is this mess being created ?

Direction: Choose the word which is the exact opposite of the given word and mark your answer in the response sheet.
69. QUIESCENT
(A) active (B) dormant (C) weak (D) unconcerned

Direction : Choose the one which best expresses the given sentence in Indirect/Direct speech and mark your answer in
the response sheet．
70．The man said，＂No，I refused to confess guilt．＂
（A）The man emphatically refused to confess guilt．
（B）The man refused to confess his guilt．
（C）The man told that he did not confess guilt．
（D）The man was stubborn enough to confess guilt．

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（b）றัเ（ে）ใைைை
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（d）øாைกษைைை

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（c）கிிகாைகூை









81．ாறறண்＋மஸி
（a）nMe్లో
（b）พாறัอணி

（d）พறுயஸி



（a）கృ円ூmॅ＋๔วย
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（c）கூ円ூm＋ぃoอ







（a）గుコロிகくる
（b）வய్మఱ๓య
（c）ص๐๘ъルス
（d）ஜாঞைงฉ

85．வழ๑ைைセேேூ ？






86．セ（ธวงกைบั
（a）๕（๗oைา
（b）eしょoon
（c）๕เ๐๐๐（ே）
（d）๕（๐๐๐ாาைา

87．ஷゅ๐கிறา
（a）ஃகால
（b）ロ®カோロ
（c）凸円つめா
（d）ஷß円๐円า
 ๑ை ாபகவோ ？
（a）வைய゙mை


（d） （o®l2 2 잉


（b）றைறைை
（c）வையைIlm
（d）றைธைை








 வே円。
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 Bथのన్నక్మ．


（A）I recommend this memorandum for better action． （B）I forward this request for further action （C）I submit this memorandum for further action．
（D）I submit this memorandum for immediate action．









































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（a）றைைூண゙
（b）$\infty \mathrm{ms}$
（c）ஜைاழ̆
（d）هยயைช。
 ஸ゙？
（a） $3 \%$
（b） $35 \%$
（c） $17 \%$
（d） $10 \%$


（a） $610 / n \mathrm{u}$
（b）கோல்○
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 றைஸ゙？
（a）B0Mm
（b）ஜாঞвиว
（c）によடாน๐
（d）ロ๐றைகコロั

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 ＇Closing the Inequalities Gap to Achieve Social Justice＇）





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 ஷிறைృா ஜாகிற๐（๑๐เேுவை 24） State Women Children Protection Day





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[^0]:    Views and ideas expressed in the articles published in PSC Bulletin are not，necessarily，those of the Commission．Printed and published by Saju George，Secretary，
    Kerala Public Service Commission on behalf of Kerala Public Service Commission and printed at P．Krishna Pillai Memorial Printing and Publishing Company PVT．Ltd，Thiruvananthapuram and published at Thiruvananthapuram，Kerala，PIN－ 695004 ．Editor Saju George．

