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Maximum : 100 marks

Time: 1 hour and 15 minutes

1. Cerebral aqueduct connects :

- 3rd ventricle with lateral ventricle (A) (B) Two lateral ventricles
- 3rd ventricle with 4th ventricle (C) 4th ventricle with lateral ventricle (D)

2. Fibrous deep layer of superficial fascia over the abdomen is :

- (B) (A) Scarpa's fascia Sibson's fascia
- (C) Waldeyer's fascia (D) Camper's fascia

3. Ptosis, squint and loss of reflexes to light and accommodation is seen in paralysis of :

- **Optic Nerve** (B) Occulo-motor Nerve (A)
- **Trochlear Nerve** (C) (D) **Trigeminal Nerve**

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Witche's milk is secreted by : 4.

- (A) Mother
- Both (C)
- 5. Retinacula are thickened portions of :
 - Superficial fascia (B) (A)
 - (C) (D) Tendons
- 6. Bile pigments are formed in :
 - (A) Liver
 - Bone marrow (C)
- 7. Muscles of mastication are supplied by :
 - (A) **Facial** Artery
 - (C) Middle meningeal Artery

- (B) New born
- None (D)
- Deep fascia
- Muscles
- (B) Red blood cells
- All the above (D)
- (B) Maxillary Artery
- (D) **Occipital Artery**

- 8. The supporting cells of central nervous system are :
 - (A) Neurons (B) Hyaline cells
 - (C) Neuroglia (D) Schwann cells
- 9. Chordae tendinae are attached to the :
 - (A) Papillary muscles (B) Atrio-ventricular valves
 - (C) Both (D) None
- 10. The type of cartilage in which chondrocytes are arranged in small groups within the cell nests is :
 - (A) Fibro cartilage (B) Hyaline cartilage
 - (C) Elastic cartilage (D) Fibro-elastic cartilage
- **11.** Which of the following statements are wrong about the care of eyes?
 - (i) Cataract is the most common cause of blindness in India.
 - (ii) Trachoma is another term for bacterial conjunctivitis.
 - (iii) Most common cause of eye injuries in children is due to fire crackers.
 - (iv) One lakh units of Vitamin A is given twice yearly to children below 5 years.
 - (A) Only (i) and (iv) (B) Only (ii) and (iii)
 - (C) Only (ii) and (iv) (D) Only (i) and (iii)
- **12.** Which of the following statements are correct about proteins?
 - (i) Animal proteins are superior to vegetable proteins.
 - (ii) Animal proteins contain all nine 'essential' amino-acids needed by the body.
 - (iii) Pulses are known as poorman's meat.
 - (iv) Vegetable proteins contain less 'essential' aminoacids.
 - (A) Only (i), (ii) and (iii) (B) Only (i), (iii) and (iv)
 - (C) Only (ii), (iii) and (iv) (D) All of the above

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- **13.** Which of the following statement is/are wrong about dietary goals (prudent diet) recommended by the various expert committees of WHO?
 - (i) Dietary fat should be limited to approximately 15-30 percent of total daily intake.
 - (ii) Saturated fat should contribute no more than 10 percent of the total energy intake.
 - (iii) Protein should account for approximately 15-30 percent of the daily intake.
 - (iv) Salt intake should be reduced to an average of not more than 15 gram per day.
 - (A) Only (i) (B) Only (ii)
 - (C) Only (ii) and (iii) (D) Only (iii) and (iv)

14. The following are bacterial food borne infections except :

- (A) Botulism (B) Oxyuriasis
- (C) Shigellosis (D) Brucellosis
- 15. Which of the following bacteria are gram positive?
 - (i) Coryne bacterium Diphtheriae
 - (ii) Bacillus Anthracis
 - (iii) Salmonella Typhi
 - (iv) Escherichia Coli
 - (A) Only (i) and (ii) (B) Only (i) and (iii)
 - (C) Only (ii) and (iii) (D) Only (iii) and (iv)
- **16.** Which of the following methods of sterilization are working using the technique of moist heat?
 - (i) Hot air oven
 - (ii) Autoclave
 - (iii) Incinerator
 - (iv) Hospital sterilizer
 - (A) Only (i) and (ii) (B) Only (i) and (iii)
 - (C) Only (ii) and (iv) (D) Only (ii) and (iii)

17.		g biotransformation of drugs synthetick the wrong ones :	.c rea	actions (phase II reactions) are given
	(i)	Oxydation		
	(ii)	Hydrolysis		
	(iii)	Acetylation		
	(iv)	Methylation		
	(A)	Only (i) and (ii)	(B)	Only (i) and (iii)
	(C)	Only (i) and (iv)	(D)	Only (ii) and (iii)
18.		ving are drugs excreted through lungs e	xcept	:
	(i)	Alcohol		
	(ii)	Halothane		
	(iii)	Paraldehyde		
	(iv)	Penicillin		
	(A)	Only (i) and (iii)	(B)	Only (iv)
	(C)	Only (ii)	(D)	None of the above
19.	The follow	ring conditions are caused by Vitamin A	defic	ciency except :
	(i)	Xerophthalmia		
	(ii)	Osteomalacia		
	(iii)	Scurvy		
	(iv)	Keratomalacia		

- (A) Only (i) and (ii) (B) Only (ii) and (iii)
- (C) Only (ii) and (iv) (D) Only (iii) and (iv)

20. Which of the following techniques are used for the identification of malnourished children?

- (i) Height
- (ii) Midarm circumference
- (iii) Weight
- (iv) Waist hip ratio
- (A) Only (i) and (iii)
- (C) Only (i), (ii) and (iii) (D) Only (i), (iii) and (iv)

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(B)

Only (i) and (iv)

21.	Temporar	y loss of consciousness :			
	(A)	Stupor	(B)	Coma	
	(C)	Fainting	(D)	Somnolent	
22.	Father of	First Aid :			
	(A)	Antoni Van Leeuwenhoek	(B)	Friedrich Esmarch	
	(C)	Samuel Hahnemann	(D)	Mathieu Orfila	
23.	Displacen	nent of one or more bones at Joi	nt :		
	(A)	Fracture	(B)	Dislocation	
	(C)	Sprain	(D)	Strain	
24.	The woun	d caused by blunt force :			
	(A)	Abrasion	(B)	Laceration	
	(C)	Bruise	(D)	Incised	
25.	He aim of	first aid are except :			
	(A)	Save life	(B)	Ease pain	
	(C)	Declaring death	(D)	Promote recovery	
26.	Pain while	e swallowing is called :			
	(A)	Dyspnoea	(B)	Dysphagia	
	(C)	Dyspepsia	(D)	Odynophagia	
27.	Bleeding	from Nose :			
	(A)	Epistaxis	(B)	Malena	
	(C)	Haemoptysis	(D)	Hemorrhoid	
28.	Excessive	Urination at Night :			
	(A)	Dysurea	(B)	Anuria	
	(C)	Nocturia	(D)	Pneumaturia	
29.	Deviation	of eyes from their normally con	ijugate positio	on is termed as :	
	(A)	Optic Atropy	(B)	Squint	
	(C)	Papilloedema	(D)	Conjunctivitis	
30.	Discharge	e from the ear :			
	(A)	Otalgia	(B)	Otorrhoea	
	(C)	Deafness	(D)	Tinnitus	
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- 31. SNID associated with :
 - (i) Pulse Polio Immunization Programme
 - (ii) Universal Immunization Programme
 - (iii) Expanded Programme of Immunization
 - (A) Only (i) and (iii) (B) Only (ii) and (iii)
 - (D) (C) Only (ii) None
- 32. Dengue fever transmitted by :
 - Culex mosquitoes (i)
 - (ii) Anopheles mosquitoes
 - (iii) Aedes mosquitoes
 - (A) Only (ii) and (iii) (B) Only (i), (ii) and (iii)
 - (C) Only (iii) (D) Only (ii)
- 33. Prevention of emergence or development of risk factors in population groups in which they have not yet appeared :
 - (i) **Primodial Prevention**
 - (ii) **Primary Prevention**
 - (iii) Secondary Prevention
 - Only (ii) Only (ii) and (iii) (A) (B)
 - (D) (C) Only (iii) Only (i)
- A pulmonary TB patient with bacteriological confirmed TB at the beginning of treatment who 34. was smear or culture negative in the last month of treatment :
 - (i) Treatment success
 - (ii) Treatment completed
 - (iii) Cured
 - Only (ii) and (iii) (B) Only (i), (ii) and (iii) (A)
 - (C) Only (iii) (D) Only (ii)
- 35. Vaccine preventable disease :
 - Chickun gunia (i)
 - (ii) Dengue fever
 - (iii) Japanese encephalitis
 - (A) Only (i) and (ii)
 - Only (ii) (C)
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- (B)
- Only (iii)
- (D) (i), (ii) and (iii)

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- 36. "Removal of pistia plant" is an antilarval method for :
 - (i) Culex mosquitoes
 - (ii) Anopheles mosquitoes
 - (iii) Aedes mosquitoes
 - (A) Only (i) and (iii)
 - (C) Only (ii) (D) Or
- 37. Link worker scheme associated with :
 - (i) RNTCP
 - (ii) NACP
 - (iii) UIP
 - (A) Only (i)
 (B) Only (iii)
 (C) Only (ii)
 (D) Only (ii) and (iii)
- **38.** Infectious agent must be capable for surviving outside of human host in the environment till it finds a new host :
 - (i) Direct transmission
 - (ii) Indirect transmission
 - (iii) Air borne transmission
 - (A) Only (i) and (ii) (B) Only (ii) and (iii)
 - (C) Only (iii) (D) Only (i)
- **39.** In asexual cycle, the Merozoites penetrates the RBC and pass through the stage of Trophozoit and Schizont :
 - (i) Hepatic phase
 - (ii) Erithrocytic phase
 - (iii) Gametogeny
 - (A) Only (i) (B) Only (ii)
 - (C) Only (iii) (D) None of these
- **40.** Mode of transmission of Leptospirosis :
 - (i) Direct contact
 - (ii) Indirect contact
 - (iii) Droplet infection
 - (A) Only (i), (ii) and (iii) (B) On
 - (C) Only (ii) and (iii)
- (B) Only (i) and (ii)
- (D) Only (i) and (iii)

А

- (B) Only (ii) and (iii)
- (D) Only (i)

41. Minimum number of concurrent supervision carried out by a health supervisor in a month :

- (A) $\mathbf{2}$ (B) 4
- (C) 6 (D) 10

42. Which among the following centres are conducting full day monthly conference?

- PHC and CHC (B) PHC, CHC, Sub centre (A)
- (C) PHC and sub centre CHC and Sub centre (D)
- Which among the following organization is providing food support in ICDS programmes in 43. India?
 - (A) ILO (B) UNDP CARE
 - (C) FAO (D)
- **44**. Primaquine is not advised for :
 - (A) Children under 2 years
 - Above 65 year old (C)
- 45. Post-partum programme aims at :
 - (A) PHC upgradation
 - Mother and child health (C)
- 21 hormonal and 7 iron pills are available in a packet of : 46.
 - (A) Mala-N only (B)
 - (C) Mala N and progestogen – only – pill (D) All the above
- 47. Which of the following statement is TRUE about Abortion?
 - (A) Birth control
 - (B) Abortion allows only up to 12 weeks of pregnancy in India
 - (C) No private institutions are allowed to perform MTP
 - Experienced nurses are eligible to perform MTP (D)
- 48. Wrong statement about WHO :
 - Distribution of morbidity statistics related to health problems are the functions (A)
 - WHO does not itself do research (B)
 - Protection of the quality of air is an important activity (C)
 - The executive board has 55 members (D)
- **49**. Number of beds prescribed in a PHC as per the guidelines of Indian public health standards :
 - (A) 15 (B) 6
 - (D) 50(C) 30
- **50**. Which of the following officer is responsible for keeping field diary?
 - Health supervisor (B) Health inspector (A)
 - Jr. health inspector All the above (C) (D)
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Palliative care None

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Ante natal

All the above

Mala N and Mala D

(B)

(D)

(B)

(D)

51.	Zoogleal	layer	which	related	with :
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- (i) Water Treatment
- (ii) Sewage Treatment
- (iii) Air pollution
- (A) Only (i) and (ii)
- (C) Only (i) and (iii)
- **52**. One gram of faeces may contains :
 - 100 million of E.Coli (i)
 - (ii) 500 million of E.Coli
 - (iii) 1000 million of E.Coli
 - (A) Only (i) (B)
 - Only (iii) (C)

53. After chlorination contact period is calculated as :

- (i) 60 minutes
- (ii) 30 minutes
- (iii) 10 minutes
- (B) Only (iii) (A) Only (i)
- None of these (C) Only (ii) (D)

54. Sanitation barrier means :

- (i) Excreta disposal
- (ii) Water purification
- **Environmental Sanitation** (iii)
- (A) Only (i), (ii) and (iii)
- (C) Only (ii) (D) Only (i) and (iii)

55. Disease transmitted by Lice :

- **Epidemic Typhus** (i)
- (ii) **Relapsing Fever**
- (iii) KFD
- (A) Only (i) and (ii)
- (C) Only (ii) and (iii)

- (B) Only (iii) and (ii)
- Only (i), (ii) and (iii) (D)

- Only (ii)
- None of these (D)

- (B) Only (i)
- (B) Only (i)
- Only (i), (ii) and (iii) (D)

56. Elements of drinking	ng water surveillance :
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- (i) Sanitary survey
- (ii) Sampling
- (iii) Bacteriological surveillance
- (A) Only (i) and (ii) (B) Only (ii) and (iii)
- (C) Only (i) and (iii) (D) Only (i), (ii) and (iii)

(B)

(D)

(B)

(D)

Only (i) and (ii)

Only (ii) and (iii)

Only (iii)

Only (ii)

- 57. "Back-Siphoning" is related to the water supply system :
 - (i) Intermittent system
 - (ii) Continues system
 - (iii) Duel water supply system
 - (A) Only (ii) and (iii)
 - (C) Only (i)
- **58.** Base exchange process removes :
 - (i) Turbidity
 - (ii) Temporary hardness
 - (iii) Permanent hardness
 - (A) Only (i) and (ii)
 - (C) Only (ii)
- 59. Air pollutant :
 - (i) Sulphur dioxide
 - (ii) Cadmium
 - (iii) Ozone
 - (A) Only (i) and (iii)
 - (C) Only (i), (ii) and (iii)
- 60. Acceptable noise level at classroom :
 - (i) 30-40 dB
 - (ii) 32-40 dB
 - (iii) 35-40 dB
 - (A) Only (i)
 - (C) Only (iii)

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- (B) Only (ii) and (iii)
- (D) Only (i) and (ii)

- (B) Only (ii)
- (D) None of these

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61.	Expand	CHEB :	
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- (A) Chief Health Education Bureau
- (B) Central Health Education Bureau
- (C) Child Health Education Bureau
- (D) None of these

62. Series of speeches on selected subjects are called as :

(A) Workshop(B) Symposium(C) Seminar(D) Panel discussion

63. Role play is ——— approach in Health communication.

- (A) Mass(B) Individual(C) Group(D) All of the above
- **64.** To spread a particular doctrine is :
 - (A) opinion (B) education
 - (C) adoption (D) propaganda

65. In group discussion Optimum Number of members are :

- (A) 2-4 (B) 4-6(C) 6-12 (D) 12-16
- **66.** Three dimensional Teaching aid is :
 - (A) Mock-up (B) Radio
 - (C) Black board (D) Field trip

67.	World Health Day theme 2020 :							
	(A)	Universal Health Coverage						
	(B)	Jeevate Vilayulla Jagratha						
	(C)	To Ensure Status of Nurses and Mid	wives					
	(D)	None of these						
68.	Affective]	Level of Learning is based on :						
	(A)	Emotions	(B)	Knowledge				
	(C)	Skills	(D)	Exercise				
69.	First step	in adoption process :						
	(A)	Trial	(B)	Interest				
	(C)	Evaluation	(D)	Awareness				
70.	An examp	le of Cultural Communication barrier i	is :					
	(A)	Noise	(B)	Disaster				
	(C)	Illiteracy	(D)	Emotions				
71.			nad sh	ould be made responsible for planning				
	at the dist	trict level?						
	(A)	Ashok Mehta Committee	(B)	Balwant Rai Mehta Committee				
	(C)	VKRV Rao Committee	(D)	Singhvi Committee				

- 72. Father of Local Self Government in India :
 - (A) Lord Wellesely (B) Jawaharlal Nehru
 - (C) Lalbahadur Shastri (D) None of the above

- **73.** If the nuisance arises from any defect of a structural character who is responsible to abate the nuisance :
 - (A) Owner of the premises (B) Health officer
 - (C) Person who informs the nuisance (D) None of the above
- 74. Benefits of time management includes :
 - (i) Less stress
 - (ii) Greater productivity and efficiency
 - (iii) Missed dead lines
 - (iv) Increased opportunity for advancement
 - (A) (i) and (ii) are correct (B) (i), (ii) and (iv) are not correct
 - (C) Only (iv) and (ii) are correct (D) Only (iii) is not correct
- 75. Which of the following is false about money management process?
 - (A) Expense tracking (B) Budgeting
 - (C) Portability (D) Evaluating taxes of one's money
- **76.** What are the strategies to be followed for better time management?
 - (A) Understand you are not perfect (B) Deligate work
 - (C) Do not multitask (D) All of the above are correct
- 77. Main principle of disposal of BMW is segregation has to be done at :
 - (A) The time of recycling of waste material
 - (B) The source of generation of the waste
 - (C) The incineration/burrying place
 - (D) None of these

	(C)	Tripura	(D)	Mizoram		
79.	Who can issue registration certificate for lodging house?					
	(A)	Executive authority	(B)	Health Officer		
	(C)	Both (A) and (B)	(D)	None of the above		
80.	-	er must receive feedback about a proc analyze the deviations :	ess in	order to make necessary adjustments		
	(A)	Planning	(B)	Controlling		
	(C)	Organizing	(D)	Commanding		
81.	"Father do	ominated Family" is called as :				
	(A)	Patrilineal family	(B)	Matrilineal family		
	(C)	Patriarchal family	(D)	Matriarchal family		
82.	Father of	sociology is :				
	(A)	Freud	(B)	Wundt		
	(C)	Comte	(D)	Plato		
83.	According	to Maslow the most basic need of hum	an bei	ing is :		
	(A)	Social needs	(B)	Security needs		
	(C)	Self Esteem	(D)	Physiological needs		
84.	Irrational	fear of height is :				
	(A)	agoraphobia	(B)	acrophobia		
	(C)	claustrophobia	(D)	haemtophobia		
85.	"Bridge C	hart" in psychology relates with :				
	(A)	Intelligence	(B)	Motivation		
	(C)	Aggression	(D)	Emotion		

(B)

Nagaland

Which of the following state has Panchayati Raj institutions?

78.

(A) Delhi

6. "Immoral basic stuff of personality" is :						
(A)	Ego	(B)	Super Ego			
(C)	Id	(D)	All of the above			
"Non-dire	ctive Counselling" is the counselling te	chniqu	ies put forward by :			
(A)	Maslow	(B)	Carl Roger			
(C)	Sigmund freud	(D)	Erickson			
TAT is :						
(A)	EQ Test	(B)	IQ Test			
(C)	Projective Test	(D)	$\operatorname{SQ}\operatorname{Test}$			
0. ————————————————————————————————————						
(A)	Mores	(B)	Norms			
(C)	Folk ways	(D)	Customs			
The conce	pt of Ingroup and Outgroup put forwar	rd by :				
(A)	W.G. Sumner	(B)	Yung			
(C)	Wundt	(D)	C.H. Coolie			
. The modifiable risk factors of hypertension is one among the following :						
(A)	Age	(B)	Sex			
(C)	Genetic factor	(D)	Socio economic status			
92. Which of the following statement is not correct about Coronary Heart Disease?(A) Individuals with Type A personality are not prone to CHD						
						(B)
(C)						
(D)	Sedentary life style increases risk of	CHD				
The rapid	and non-invasive method for assessing	g body	fat in obesity :			
(A)	Weight	(B)	Skin fold thickness			
(C)	Waist-Hip ratio	(D)	Body Mass Index			
	$(A) \\ (C) \\ (C) \\ (C) \\ (A) \\ (C) $	 (A) Ego (C) Id "Non-directive Counselling" is the counselling term of method "A) Maslow (C) Sigmund freud TAT is: (A) EQ Test (C) Projective Test are the behaviour pattern of people in (A) Mores (C) Folk ways The concept of Ingroup and Outgroup put forward (A) W.G. Sumner (C) Wundt The modifiable risk factors of hypertension is on (A) Age (C) Genetic factor Which of the following statement is not correct at (A) Individuals with Type A personality at (B) Risk of Myocardial Infarction is increased (C) Hypertension contributes to CHD (D) Sedentary life style increases risk of a the rapid and non-invasive method for assessing (A) Weight	(A)Ego(B)(C)Id(D)"Non-directive Counselling" is the counselling technique(A)Maslow(A)Maslow(B)(C)Sigmund freud(D)TAT is :(A)EQ Test(B)(C)Projective Test(D)—are the behaviour pattern of people in every(A)Mores(B)(C)Folk ways(D)The concept of Ingroup and Outgroup put forward by :(A)(C)Wundt(D)The modifiable risk factors of hypertension is one amore(A)(A)Age(B)(C)Genetic factor(D)Which of the following statement is not correct about O(A)(A)Individuals with Type A personality are not(B)Risk of Myocardial Infarction is increased b(C)Hypertension contributes to CHD(D)Sedentary life style increases risk of CHDThe rapid and non-invasive method for assessing body(A)Weight(B)			

A

- 94. The most sensitive and specific screening technique in defecting small tumors in breast :
 - **Breast Self Examination** (A)
 - Palpation by physician (C) Mammography (D)
- 95. The specific advantage of rotary kiln type of incinerator among the following :
 - Adequate for all infectious waste (A)
 - (B) Drastic reduction in weight and volume of waste
 - (C) Decomposition of genotoxic substances and heat resistant chemicals
 - (D) Low operating cost
- **96**. The clinical signs of focal disturbance of cerebral function which is rapidly developed and lasting for more than 24 hrs or leading to death :
 - CHD (B) Stroke (A)
 - (C) TIA (D) Cardio Vascular Disease
- 97. 'Abbreviated Injury Scale' is used to measure one among the following :
 - (A) Seriousness of injury in morbidity of accidents and injuries
 - (B) Disability in accidents and injury
 - Mortality in accidents and injuries (C)
 - (D) None of these
- 98. The organisation which support Adopt-a-Gran programme :
 - (A) OASIS (B) NCOP
 - Help Age India (D) CBO (C)
- 99. WHO Recommendations regarding palliative care includes all the aspects except :
 - (A) Drug availability (B) Policy
 - (C) Education (D) Research
- **100.** The World Diabetes Day is observed on :
 - June 14th (A) (B) November 14th
 - (C) December 14th (D) November 4th
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- (B) Thermography

SPACE FOR ROUGH WORK

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