

FINAL ANSWER KEY

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Question1:-The unit of capacitance is

- A:-Henry
- B:-Ohm
- C:-Farad
- D:-Ampere

Correct Answer:- Option-C

Question2:-Energy generation in stars is mainly due to

- A:-Fusion of light nuclei
- B:-Chemical reaction
- C:-Fission of heavy nucleus
- D:-Burning of coal

Correct Answer:- Option-A

Question3:-Which is the main component of CNG

- A:-Ethane
- B:-Methane
- C:-Butane
- D:-Propane

Correct Answer:- Option-B

Question4:-Which of the following device not working based on principle of electromagnetic induction

- A:-Dynamo
- B:-Microphone
- C:-Transformer
- D:-Loud speaker

Correct Answer:- Option-D

Question5:-Which electronic component not included in Integrated circuit

- A:-Capacitor
- B:-Inductor
- C:-Resistor
- D:-Transistor

Correct Answer:- Option-B

Question6:-A solar water heater can not be used to get hot water on

- A:-A sunny day
- B:-A hot day
- C:-A cloudy day
- D:-A windy day

Correct Answer:- Option-C

Question7:-The least distance of distinct vision for a young adult with a normal vision is about

- A:-25 m
- B:-2.5 cm
- C:-2.5 m
- D:-25 cm

Correct Answer:- Option-D

Question8:-During amplification of sound signal which of the following quantity change

- A:-Amplitude
- B:-Frequency
- C:-Velocity
- D:-Wave length

Correct Answer:- Option-A

Question9:-Four bulbs have the following specifications,

60w at 220 v, 100w at 220v, 240w at 220v, 200w at 220v
The filament of which bulb has higher resistance

- A:-60w at 220v
- B:-100w at 220v
- C:-240w at 220v
- D:-200w at 220v

Correct Answer:- Option-A

Question10:-Time period of geostationary satellite is

- A:-36 hr
- B:-48 hr
- C:-24 hr
- D:-12 hr

Correct Answer:- Option-C

Question11:-Which is the chief component of L.P.G?

- A:-Methane
- B:-Ethane
- C:-Propane
- D:-Butane

Correct Answer:- Option-D

Question12:- V/T is a constant.This is the mathematical expression of

- A:-Charle's law
- B:-Boyle's law
- C:-Avogadro's law
- D:-Gay Lussac's law

Correct Answer:- Option-A

Question13:-Paracetamol is an

- A:-Antiseptic
- B:-Antipyretic
- C:-Antacid
- D:-Antibiotics

Correct Answer:- Option-B

Question14:-What is power alcohol?

- A:-100% ethanol
- B:-8-10% ethanol
- C:-95.6% ethanol
- D:-Ethanol+petrol

Correct Answer:- Option-D

Question15:-Contact Process is the industrial method of preparation of

- A:-Ammonia
- B:-Sulphuric acid
- C:-Nitric acid
- D:-Hydrochloric acid

Correct Answer:- Option-B

Question16:-Brown ring test is used for the detection of

- A:-Sulphate
- B:-Chloride
- C:-Nitrate
- D:-Acetate

Correct Answer:- Option-C

Question17:-Which of the following is an ore of iron?

- A:-Bauxite
- B:-Haematite
- C:-Magnesite

- D:-Carnalite
Correct Answer:- Option-B
- Question18:-1 mole ammonia contains
A:-1 molecule ammonia
B:- $3 \times 6.022 \times 10^{23}$ molecules of ammonia
C:- 6.022×10^{23} molecules of ammonia
D:- $6.022 \times 10^{23} / 3$ molecules of ammonia
Correct Answer:- Option-C
- Question19:-M shell has subshells
A:-3
B:-1
C:-2
D:-4
Correct Answer:- Option-A
- Question20:-The atomic number of Ne is 10. How many electrons are present in it?
A:-5
B:-6
C:-11
D:-10
Correct Answer:- Option-D
- Question21:-'Jaya' is a variety of
A:-Rice
B:-Maize
C:-Wheat
D:-Barley
Correct Answer:- Option-A
- Question22:-The most important alkaloid present in tobacco leaves is
A:-Reserpine
B:-Ephedrine
C:-Nicotine
D:-Atropine
Correct Answer:- Option-C
- Question23:-Wood of which tree is used for making cricket bats ?
A:-Tectona grandis
B:-Mangifera indica
C:-Cycas circinalis
D:-Salix purpurea
Correct Answer:- Option-D
- Question24:-Fluid mosaic model of plasma membrane was proposed by
A:-Watson and Crick
B:-Singer and Nicholson
C:-Lamarck and Darwin
D:-Bentham and Hooker
Correct Answer:- Option-B
- Question25:-which of the following plant hormone helps in fruit ripening?
A:-Auxin
B:-Cytokinin
C:-Ethylene
D:-Gibberellin
Correct Answer:- Option-C
- Question26:-Chlorophyll contains
A:-Mg
B:-Mn
C:-Fe
D:-Zn
Correct Answer:- Option-A
- Question27:-Which of the following is an insectivorous plant?
A:-Rafflesia
B:-Neem
C:-Nepenthus
D:-Cuscuta
Correct Answer:- Option-C
- Question28:-Normal pH of soil
A:-3-4
B:-6-7
C:-8-9
D:-10-12
Correct Answer:- Option-B
- Question29:-Mendelian dihybrid Phenotypic ratio
A:-9:3:3:1
B:-12:3:1
C:-9:3:4
D:-9:7
Correct Answer:- Option-A
- Question30:-Triple fusion is found in
A:-Gymnosperms
B:-Fungi
C:-Bryophytes
D:-Angiosperms
Correct Answer:- Option-D
- Question31:-The excretory organ of Earthworm is.....
A:-flame cell
B:-coxal gland
C:-nephridia
D:-malpighian tubule
Correct Answer:- Option-C
- Question32:-which among the following is not a pheromone
A:-civetone
B:-chitone
C:-muscone
D:-bombycol
Correct Answer:- Option-B
- Question33:-The largest sense organ in our body is
A:-skin
B:-tongue
C:-ear
D:-hair
Correct Answer:- Option-A
- Question34:-The Enzyme which is known as "molecular glue" is.....
A:-Retriction endonuclease
B:-Kinase
C:-Lipase
D:-Ligase
Correct Answer:- Option-D
- Question35:-The blood cells which have the ability to destroy microbes by phagocytosis are
A:-Neutrophil & Monocyte
B:-Eosinophil & Basophil
C:-Lymphocyte & Basophil
D:-Neutrophil & Basophil
Correct Answer:- Option-A

Question36:-World Mosquito day is observed on

- A:-July 20
- B:-August 20
- C:-September 20
- D:-June 20

Correct Answer:- Option-B

Question37:-Which among the following is not a Neurotransmitter

- A:-Acetyl choline
- B:-Acetate
- C:-Adrenaline
- D:-Dopamine

Correct Answer:- Option-B

Question38:-The pigment present in Cone Cells of Eye is.....

- A:-Photopsin
- B:-Rhodopsin
- C:-Opsin
- D:-Retinal

Correct Answer:- Option-A

Question39:-Carbon Monoxide combines with Hemoglobin and forms

- A:-Oxyhemoglobin
- B:-Carbamino hemoglobin
- C:-Carboxy hemoglobin
- D:-Carbonic acid

Correct Answer:- Option-C

Question40:-Autosomal Trisomy of 21st pair of chromosome leads to.....

- A:-Turners syndrome
- B:-Sickle cell anemia
- C:-Hemophilia
- D:-Down Syndrome

Correct Answer:- Option-D

Question41:-If 40% of $\frac{2}{8}$ of a number 12, then the number is

- A:-80
- B:-70
- C:-60
- D:-50

Correct Answer:- Option-A

Question42:-What is the difference between the biggest and smallest fractions among $\frac{1}{2}, \frac{2}{3}, \frac{7}{12}, \frac{5}{6}$?

- A:- $\frac{1}{6}$
- B:- $\frac{1}{5}$
- C:- $\frac{1}{4}$
- D:- $\frac{1}{3}$

Correct Answer:- Option-D

Question43:-What percent of $\frac{1}{9}$ is $\frac{1}{6}$?

- A:-140 %
- B:-150 %
- C:-160 %
- D:-170 %

Correct Answer:- Option-B

Question44:-By selling an article for Rs.100, a person gets Rs.10. Then his gain in percent is

- A:-10 %
- B:-11 %
- C:- $11\frac{1}{9}$ %
- D:- $11\frac{2}{9}$ %

Correct Answer:- Option-C

Question45:-At what rate per annum will a sum of money double in 5 years ?

- A:-15 %
- B:-20 %
- C:-22.5 %
- D:-25 %

Correct Answer:- Option-B

Question46:-Babu can cover a certain distance in 1hr 30 min by covering half of the distance at 3 kmh and the rest at 6 kmh. What is the total distance ?

- A:-6 km
- B:-7 km
- C:-7.5 km
- D:-8 km

Correct Answer:- Option-A

Question47:-A man completes $\frac{3}{8}$ of a job in 6 days. At this rate, how many more days will it take him to finish the job ?

- A:-7
- B:-8
- C:-9
- D:-10

Correct Answer:- Option-D

Question48:-Average of first 20 natural numbers is

- A:-190
- B:-200
- C:-210
- D:-220

Correct Answer:- Option-C

Question49:-What is the perimeter of a rectangle whose area is 500 sq.cm and its breadth is 10 cm ?

- A:-110 cm
- B:-120 cm
- C:-126 cm
- D:-130 cm

Correct Answer:- Option-B

Question50:-Two numbers are in the ratio 3:4. If sum of the numbers is 140, then numbers are

- A:-50 and 90
- B:-65 and 75
- C:-60 and 80
- D:-55 and 85

Correct Answer:- Option-C

Question51:-Find the missing letter in the alphabet series Z, U, Q, ----, L.

- A:-N
- B:-M
- C:-K
- D:-I

Correct Answer:- Option-A

Question52:-Find the alternative which will replace the question mark.

$$\frac{K}{7} : \frac{11}{20} :: \frac{J}{R} : ?$$

- A:-9/10
- B:-10/8

C:-11/19
D:-10/18

Correct Answer:- Option-D

Question53:-Find the odd man out of 43, 53, 63, 73, 83

A:-83
B:-73
C:-63
D:-53

Correct Answer:- Option-C

Question54:-In a certain code language K is written as 11 and KEEP as 37. How will the word EXAM be written in that code language ?

A:-40
B:-41
C:-42
D:-43

Correct Answer:- Option-D

Question55:-Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle". How is the boy related to the girl ?

A:- Brother
B:-Uncle
C:-Nephew
D:-Son-in-law

Correct Answer:- Option-A

Question56:-Raju started walking positioning his back towards the sun. After some time, he turned left, then turned right and towards the left again. In which direction is he going now ?

A:-South or North
B:-North or West
C:-South or West
D:-East or West

Correct Answer:- Option-A

Question57:-A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:

A:-140 degree
B:-145 degree
C:-150 degree
D:-155 degree

Correct Answer:- Option-D

Question58:-How many times are the hands of a clock at right angle in a day ?

A:-24
B:-44
C:-46
D:-48

Correct Answer:- Option-B

Question59:-Today is Saturday. After 100 days, it will be:

A:-Sunday
B:-Monday
C:-Tuesday
D:-Saturday

Correct Answer:- Option-B

Question60:-Find the exact copy of the code ##J1FH1472038811 is

A:-##J1FH147203811
B:-##J1FH1472038811
C:-##J1FH1472038811
D:-##J1FH147208811

Correct Answer:- Option-C

Question61:-I _____ a woman once who had thirteen children.

A:-know
B:-knew
C:-have known
D:-had known

Correct Answer:- Option-B

Question62:- _____ customer has a right to know where products are made.

A:-A
B:-An
C:-The
D:-None of the above

Correct Answer:- Option-A

Question63:-The election result is _____ democracy

A:-good to
B:-good with
C:-good at
D:-good for

Correct Answer:- Option-D

Question64:-Throughout the match Barcelona looked _____ winners.

A:-alike
B:-the likelier
C:-the likely
D:-the likeliest

Correct Answer:- Option-B

Question65:-Everyone thinks _____ of Prof. Sachin Kumar's lectures.

A:-high
B:-the highest
C:-highly
D:-higher

Correct Answer:- Option-C

Question66:-Every man and every woman in the village _____ already responded to the government programme.

A:-have
B:-had
C:-are
D:-has

Correct Answer:- Option-D

Question67:-If my brother hadn't come along at that moment, Suraj _____ the one arrested.

A:-should have been
B:-may have been
C:-might have been
D:-can have been

Correct Answer:- Option-C

Question68:- _____ chair the meeting.

A:-Samad was decided to
B:-It was decided that Samad should
C:-There was decided that Samad should
D:-Sanad had been decided to

Correct Answer:- Option-B

Question69:-I noticed _____ the race.

A:-the horse winning
B:-the horse's winning the race
C:-the horse to win
D:-the horses to win

Correct Answer:- Option-A

Question70:-Few applicants turned up for the interview, _____ ?

A:-do they
B:-didn't they
C:-did they
D:-don't they

Correct Answer:- Option-C

Question71:-Which among the following is a wrong usage?

- A:-bevy of roses
- B:-colony of penguins
- C:-herd of camels
- D:-parliament of owls

Correct Answer:- Option-C

Question72:-Which among the following words does not mean 'enclose'?

- A:-envelop
- B:-enfold
- C:-enwrap
- D:-envelope

Correct Answer:- Option-D

Question73:-Identify the antonym of 'perennial' from among the following words:

- A:-ephemeral
- B:-lasting
- C:-recurring
- D:-enduring

Correct Answer:- Option-A

Question74:-Which among the following is not a foreign word

- A:-kindergarten
- B:-veranda
- C:-kimono
- D:-none of the above

Correct Answer:- Option-D

Question75:-Identify the one-word substitute for 'microscopic examination of living tissues'

- A:-biopsy
- B:-autopsy
- C:-entomology
- D:-anatomy

Correct Answer:- Option-A

Question76:-Choose the meaning of 'put a sock in it' from the options given below.

- A:-keep quiet
- B:-stop talking
- C:-wash your hands
- D:-good morning

Correct Answer:- Option-B

Question77:-Spot the word with wrong spelling

- A:-lichen
- B:-deicide
- C:-biege
- D:-seizure

Correct Answer:- Option-C

Question78:-My friend's car collided with a _____ truck

- A:-stationary
- B:-stationory
- C:-stationary
- D:-none of the above

Correct Answer:- Option-C

Question79:-The discipline committee will _____ (investigate) the matter.

- A:-make up
- B:-go into
- C:-call on
- D:-turn to

Correct Answer:- Option-B

Question80:-Noun form of the verb 'complement'

- A:-complement
- B:-complementary
- C:-compliment
- D:-none of the above

Correct Answer:- Option-A

Question81:-What was the term used in ancient literatures to indicate the geographical division of Indo-Gangetic plain stretching from the valley of the river Saraswati to the Rajmahal Hill?

- A:-Purvadesa
- B:-Dakshinaty
- C:-Madhyadesa
- D:-Uttarapatha

Correct Answer:- Option-C

Question82:-Mohenjodaro site was on the bank of river

- A:-Sutlej
- B:-Ravi
- C:-Ghaggar
- D:-Indus

Correct Answer:- Option-D

Question83:-Who defined the Neolithic-Chalcolithic culture as a self-sufficient food economy?

- A:-Robert Bruce Foot
- B:-V. Gordon Childe
- C:-Miles Burkit
- D:-sir John Marshall

Correct Answer:- Option-B

Question84:-Kautilya's Arthashastra is a great treatise on

- A:-State - Craft
- B:-Economic policies
- C:-interstate relations
- D:-Ethics

Correct Answer:- Option-A

Question85:-Who led the revolt at Bareilly during the time of the 1857 Revolt?

- A:-Kunwar Singh
- B:-Khan Bahadur Khan
- C:-Begum Hazrat Mahal
- D:-Nana Saheb

Correct Answer:- Option-B

Question86:-Who is known as 'The Father of Indian Unrest'?

- A:-Subhash Chandra Bose
- B:-Bipin Chandra Pal
- C:-Mangal Pandey
- D:-Bal Gangadhar Tilak

Correct Answer:- Option-D

Question87:-John Simon and the commission members landed at Bombay on

- A:-28 February 1927
- B:-30 March 1928
- C:-03 February 1928
- D:-02 May 1927

Correct Answer:- Option-C

Question88:-Who were the members of the Cabinet Mission 1946?

- A:-Lord Pethick Lawrence, Sir Stafford Cripps and A. V. Alexander
- B:-Sir Stafford Cripps, Lord Wavell and Lord Pethick Lawrence
- C:-Lord Wavell, Lord Pethick Lawrence and A. V. Alexander
- D:-A. V. Alexander, Lord Mountbatten and Lord Stafford Cripps

Correct Answer:- Option-A

Question89:-Which is the highest peak in Peninsular India?

- A:-Pulppalli
- B:-Anamalai
- C:-Sabarimala
- D:-Parambikkulam

Correct Answer:- Option-B

Question90:-Who excavated the site of Porkalam in 1952?

- A:-B. K. Thapar
- B:-Rajendran
- C:-Raman
- D:-Satyamurthy

Correct Answer:- Option-A

Question91:-Who was Sree Narayana Guru's Asan?

- A:-Kumaranasan
- B:-Kummanpalli Raman Pillai Asan
- C:-Madanasan
- D:-Swami Sivayogi

Correct Answer:- Option-B

Question92:-From which place Vakkom Moulavi published his svadesabhimani for the first time?

- A:-Anchuthengu
- B:-Vakkom
- C:-Chirayinkizh
- D:-Cochin

Correct Answer:- Option-A

Question93:-Who did first call Vayaleri Kunjikannan Gurukkal as Vagbhatananda?

- A:-Sree Narayana Guru
- B:-Chattampi Swami
- C:-Brahmananda Swami Sivayogi
- D:-Kumaranasan

Correct Answer:- Option-C

Question94:-In which year Ayyankali led the Kallumaala agitation?

- A:-1914
- B:-1916
- C:-1917
- D:-1915

Correct Answer:- Option-D

Question95:-Who introduced the system called Pallikkudam?

- A:-Herman Gundert
- B:-Chavara Achan
- C:-Sree Narayana Guru
- D:-Vakkom Moulavi

Correct Answer:- Option-B

Question96:-What was the theme of the 18th SAARC Summit in Kathmandu?

- A:-World Peace and Security
- B:-walk in steps
- C:-Deeper Integration for Peace and Security
- D:-Regional Cooperation

Correct Answer:- Option-C

Question97:-22nd Asia - Pacific Economic Cooperation (APEC) summit held at

- A:-Tehran
- B:-Vienna
- C:-Geneva
- D:-Yanqi Lake, Beijing

Correct Answer:- Option-D

Question98:-Pinaka Mark- II Missile - cum - barrel rocket launcher system was successfully test-fired at Pokhran on

- A:-30 May 2015
- B:-15 February 2015
- C:-30 January 2015
- D:-16 April 2015

Correct Answer:- Option-A

Question99:-What was the slogan/caption of 35th National Games?

- A:-Fair Play
- B:-Get Play
- C:-Get Start Play
- D:-Get Set Play

Correct Answer:- Option-D

Question100:-Who was the recently died Oscar winning British Film Director?

- A:-Judith Brown
- B:-James David
- C:-Richard Attenborough
- D:-Thomas Pearson

Correct Answer:- Option-C