Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION



SSC EXAMS

PYQs

SSC EXAMS

SSC CHSL Tier II 2024

PREVIOUS YEAR QUESTIONS

Q.1 Find the value of $3(\sec^2 A - 1)(\text{cosec } A - 1)(\text{cosec } A + 1) + 4(\text{cosec}^2 A - \cot^2 A)$.

A. 10
B. 3
C. 7
D. 12

Answer : C. 7

Q.2 The weights (in kg) of 7 cousins in a family are 54, 62, 65, 70, 60, 59, 55. Find the median weight.

A. 60 kg
B. 61 kg
C. 61.5 kg
D. 70 kg

Answer : A. 60 kg

Q.3 If a man's age is four times the sum of the ages of his three children, and after 6 years his age will be twice the sum of the ages of his three children, then what is the man's present age?

A. 56 years
B. 30 years
C. 60 years
D. 45 years

Answer : C. 60 years

Q.4 Simplify $(2z - 5y)^2 + (5z + 2y)^2 - 25z^2$.

A. $19y^2 - 4z^2$
B. $29y^2 - 4z^2$
C. $29y^2 + 4z^2$
D. $19y^2 + 4z^2$

Answer : D. $19y^2 + 4z^2$

Q.5 The radii of the two spheres are in the ratio 4 : 5. Their volume will be in the ratio:

A. 125 : 64
B. 4 : 5
C. 16 : 25
D. 64 : 125

Answer : D. 64 : 125

Q.6 The numbers of Commerce, Science and Arts postgraduates working in a company are 40, 80 and 60, respectively. If these figures are represented on a pie chart, what is the central angle pertaining to Commerce postgraduates?

A. 50°
B. 80°
C. 70°
D. 80°

Answer : B. 80°

Q.7 In a triangle PQR, incentre is A and $\angle QAR = 116°$. Find the measure of $\angle QPR$.

A. 54°
B. 27°
C. 26°
D. 52°

Answer : D. 52°

Q.8 If 88 is replaced by 93 and 41 is replaced by 47 in the following observations: 46, 48, 63, 76, 88, 41, 35, 55, 90, 56, 92, then what would be the difference between the new median and the previous median?

A. 2

B. 0
C. 1
D. 3
Answer : B. 0

Q.9 The average of five integers is 48. The average of the first four integers is 50% of the 5th integer. The 5th integer is:
A. 78
B. 74
C. 82
D. 80
Answer : D. 80

Q.10 Find the value of $(\sin^6A + \cos^6A + 3\sin^2A\cos^2A) - (\sin^4A - \cos^4A + 1)\operatorname{cosec}^2A$.
A. 0
B. 3
C. -3
D. -1
Answer : A. 0

Q.11 If an increase of 40% is observed on an amount in 4 years at simple interest, what will be the compound interest on ₹80,000 after 4 years at the same rate of interest?
A. ₹39,724
B. ₹29,728
C. ₹17,128
D. ₹37,128
Answer : D. ₹37,128

Q.12 For making a toy, a hemisphere is attached at one end of a cylinder and a cone is attached at the other end of the cylinder. The cylinder, the cone and the hemisphere have a common radius of 4.2 cm. The height of the cylinder and that of the cone is 7 cm. Find the volume (in cm^3) of the toy. (Use $\pi = 22/7$)
A. 863.25
B. 762.255
C. 672.672
D. 358.8
Answer : C. 672.672

Q.13 The value of 5 + 24 × 8 ÷ 8 of 8 - 8 ÷ 8 × 4 of 4 is equal to:
A. -9
B. 9
C. -8
D. 8
Answer : C. -8

Q.14 A number 37 is divided into two parts such that 5 times one part and 11 times the other is together equal to 227. Find the value of 9 times the smaller number.
A. 62
B. 60
C. 61
D. 63
Answer : D. 63

Q.15 Tarun gives Hari a head-start of 60 seconds in a 2400 m race and still beats him by 40 seconds. If the speed of Hari is 6 m/s, find the speed of Tarun.
A. 8.5 m/s
B. 7.5 m/s
C. 8 m/s
D. 7 m/s
Answer : C. 8 m/s

Q.16 Sandeep made a profit of 22% when he sold an overcoat for ₹8,540. Find the cost price of the overcoat.

A. ₹6,500
B. ₹6,000
C. ₹7,500
D. ₹7,000

Answer : D. ₹7,000

Q.17 ABCD is a trapezium in which AB is parallel to CD, and E and F are the mid-points of non-parallel sides AD and BC. If EF is parallel to AB, AB = 28 cm and CD = 18 cm, then find EF (in cm).

A. 23
B. 46
C. 5
D. 10

Answer : A. 23

Q.18 The marked price of an article is ₹2,800. It is sold at three successive discounts of 15%, 8% and 5%. Find the selling price.

A. ₹2,080.12
B. ₹1,890.20
C. ₹1,997.26
D. ₹1,923.56

Answer : C. ₹1,997.26

Q.19 The average of 11 results is 60 and that of the first 10 is 59. The 11th result is:

A. 70
B. 60
C. 69
D. 59

Answer : A. 70

Q.20 A die is cast twice and a coin is tossed thrice. Find the probability that the die will turn a 5 each time and the coin will turn a head every time.

A. 1/50
B. 1/200
C. 1/100
D. 1/288

Answer : D. 1/288

Q.21 The average of 11 results is 59 and that of the first 10 is 58. The 11th result is:

A. 59
B. 68
C. 58
D. 69

Answer : D. 69

Q.22 A sum on simple interest at the rate of 5% per annum amounts to ₹4,160 in 6 years. Find the sum.

A. ₹2,900
B. ₹2,800
C. ₹3,200
D. ₹3,100

Answer : C. ₹3,200

Q.23 A milk vendor has 75 litres of cow milk, 45 litres of toned milk and 30 litres of full cream milk. These should be placed in different trays such that each tray contains the same quantity of milk and two kinds of milk should not be mixed in a tray. What is the least number of trays required to place all the milk?

A. 25
B. 20

C. 15
D. 10
Answer : D. 10

Q.24 A cylinder has radius of 8 cm and height of 21 cm. Find the volume of the cylinder. (take $\pi = 22/7$)
A. 21 cm
B. 23 cm
C. 4224 cm^3
D. 24 cm
Answer : C. 4224 cm^3

Q.25 A, B and C jointly started a business in which A invested ₹7,000 for 12 months, B invested ₹8,000 for 10 months and C invested ₹12,000 for 6 months. A was the working member for which he received 20% of the profits as his remuneration. The total profit earned at the end of one year was ₹14,750. What is C's share (in ₹) in the profit?
A. 4,000
B. 4,200
C. 2,950
D. 3,600
Answer : C. 2,950

Q.26 Ratnesh and Vineet worked on alternate days, starting with Ratnesh. The entire work got completed in 54(3/4) days. If Ratnesh alone can finish the work in 48 days, then in how many days can Vineet alone do the work?
A. 60
B. 64
C. 66
D. 62
Answer : B. 64

Q.27 The surface area of a cube is 1728 cm^2. Find its volume.
A. $4356\sqrt{2}$ cm^3
B. $3456\sqrt{2}$ cm^3
C. $6453\sqrt{2}$ cm^3
D. $5436\sqrt{2}$ cm^3
Answer : B. $3456\sqrt{2}$ cm^3

Q.28 The price of an electronic machine decreased by 5%, 10% and 15% during the first three years. What will be the price of the machine after three years if the value at the beginning was ₹8,000?
A. ₹6,721
B. ₹5,814
C. ₹7,000
D. ₹5,000
Answer : B. ₹5,814

Q.29 A quadrilateral having equal diagonals and equal opposite sides is always a:
A. trapezium
B. kite
C. rhombus
D. rectangle
Answer : D. rectangle

Q.30 Three numbers are in the ratio 5 : 7 : 9, and their LCM is 1260. What is the difference between the larger and smallest number?
A. 20
B. 32
C. 16
D. 24
Answer : D. 24

Section: Module II Reasoning and General Intelligence

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets: (19, 9, 173), (6, 17, 104)

A. (11, 4, 46)
B. (14, 4, 62)
C. (8, 12, 94)
D. (7, 15, 105)
Answer : B. (14, 4, 62)

Q.2 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
#: VXB :: ACG : %

A. # = GIM, % = KMQ
B. # = UVN, % = KMQ
C. # = GIM, % = LMR
D. # = HJN, % = KNR
Answer : A. # = GIM, % = KMQ

Q.3 Statement: $M < N \leq O = S > T \geq W \geq Z$. Conclusions: I. $M \leq T$, II. $N < Z$

A. Only Conclusion II is true
B. Only Conclusion I is true
C. Both Conclusion I and Conclusion II are true
D. Neither Conclusion I nor Conclusion II is true
Answer : D. Neither Conclusion I nor Conclusion II is true

Q.4 How many meaningful English words can be formed from R, O, W, D and C, using each letter mandatorily but only once in each word?

A. More than two
B. None
C. One
D. Two
Answer : B. None

Q.5 Three of the following four number triads are alike in a certain way and thus form a group. Which is the number triad that does not belong to that group?

A. 31 - 46 - 41
B. 29 - 44 - 38
C. 24 - 39 - 33
D. 17 - 32 - 26
Answer : A. 31 - 46 - 41

Q.6 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $21 - 7 \div 144 \times 3 + 18 = ?$

A. 323
B. 330
C. 342
D. 339
Answer : D. 339

Q.7 Three of the following four number triads are alike in a certain way and thus form a group. Which is the number triad that does not belong to that group?

A. 112 - 103 - 94
B. 76 - 67 - 54
C. 94 - 85 - 76
D. 87 - 78 - 69
Answer : B. 76 - 67 - 54

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets: (7, 11, 33), (14, 18, 54)

A. (5, 9, 36)

B. (16, 20, 40)
C. (8, 12, 36)
D. (6, 10, 28)
Answer : C. (8, 12, 36)

Q.9 Statements: Some crayon is colour. No colour is water. Some water is liquid. Conclusions: I) Some crayon is liquid. II) Some crayon is not water. III) Some liquid is not colour.
A. Only III
B. Only I and III
C. Only II
D. Only II and III
Answer : D. Only II and III

Q.10 Statements: Some rice is white. Some rice is brown. No white is wheat. Conclusions: I) Some wheat is brown. II) Some rice is not wheat. III) Some brown is not white.
A. Only I and III
B. Only II
C. Only II and III
D. Only III
Answer : C. Only II and III

Q.11 In a certain code language, 'PAID' is coded as '3274' and 'APED' is coded as '6437'. What is the code for 'E' in that language?
A. 7
B. 4
C. 6
D. 3
Answer : C. 6

Q.12 89 is related to 78 following a certain logic. Following the same logic, 97 is related to 86. To which of the following is 72 related, following the same logic?
A. 68
B. 59
C. 61
D. 66
Answer : C. 61

Q.13 Statements: I) Refreshing and delicious salads are full of antioxidants, Vitamin A, Vitamin C, folate, calcium, fibre and phytonutrients, which are good for health. II) It is a perfect way to begin our day with salads in order to lead a healthy life.
A. Both I and II are independent causes
B. II is the cause and I is its possible effect
C. I is the cause and II is its possible effect
D. Both I and II are effects of independent causes
Answer : C. I is the cause and II is its possible effect

Q.14 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order: 1. Hexagon 2. Triangle 3. Pentagon 4. Square 5. Octagon
A. 3, 1, 5, 2, 4
B. 1, 4, 3, 5, 2
C. 2, 4, 3, 1, 5
D. 2, 1, 3, 4, 5
Answer : C. 2, 4, 3, 1, 5

Q.15 MNQP is related to STWV in a certain way based on the English alphabetical order. In the same way, ABED is related to GHKJ. To which of the following is IJML related, following the same logic?
A. OPRS
B. ROPS
C. OPSR
D. PORS

Answer : C. OPSR

Q.16 How many meaningful English words can be formed from Y, P, R and A, using each letter mandatorily but only once in each word?

A. None
B. One
C. Two
D. Three

Answer : B. One

Q.17 A certain number of people are sitting in a row facing the north direction. 'T' is sitting to the immediate right of 'U'. 'Y' is sitting 5th to the left of 'U'. 'Z' is an immediate neighbour of both 'T' and 'P'. 'V' is sitting 5th to the left of 'T'. 'O' is sitting at one extreme end, and there is only one person sitting between 'O' and 'Y'. What is the total number of people seated?

A. 11
B. 12
C. 13
D. 14

Answer : C. 13

Q.18 In a certain code language, 'DARK' is coded as '3284' and 'RAKE' is coded as '6438'. What is the code for 'E' in that language?

A. 6
B. 3
C. 4
D. 8

Answer : A. 6

Q.19 Three of the following word pairs are alike in some manner and hence form a group. Which word pair does not belong to that group?

A. Television - Triangle
B. Birthday hat - Cone
C. Ball - Sphere
D. Ring - Circle

Answer : A. Television - Triangle

Q.20 Statement: In spite of the principal's repeated warnings, a child was caught with a hidden mobile phone in the school. Courses of Action: I) The mobile phone should be taken away from the child and the parents should be called to the school. II) The child should be punished for committing this mistake.

A. Only (I) follows
B. Both (I) and (II) follow
C. Neither (I) nor (II) follows
D. Only (II) follows

Answer : B. Both (I) and (II) follow

Q.21 Statements: I. All undergraduate exams scheduled for tomorrow in Balasore have been cancelled by the university. II. High winds and very heavy rains are expected in Balasore tomorrow as the cyclone makes a landfall by 3 pm.

A. II is the cause and I is its possible effect
B. Both I and II are effects of independent causes
C. Both I and II are independent causes
D. I is the cause and II is its possible effect

Answer : A. II is the cause and I is its possible effect

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series: REMRRE_R_EEMRRE_M_

A. MRME
B. EMER
C. MREM

D. REME

Answer : C. MREM

Q.23 How many meaningful four letter English words can be formed using A, E, D and N using all the letters but each letter only once in each word?

A. 3
B. 1
C. 0
D. 2

Answer : D. 2

Q.24 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 23584617, how many digits will appear more than once in the new number thus formed?

A. Three
B. None
C. One
D. Two

Answer : D. Two

Q25. Four figure pairs have been given, out of which three are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

A.
B.
C.
D.

Answer : B.

Q 26. Select the option that is related to Figure C in the same way as Figure B is related to Figure A.

A.
B.
C.
D.

Answer : A.

Q27. Select the figure from the options that can replace the question mark (?) and complete the given series.

A.
B.
C.
D.

Answer : B.

Q28. Four figure pairs have been given, out of which three are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

A.
B.
C.
D.

Answer : B.

Q29. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

A.
B.
C.
D.

Answer : C.

Q30. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Select the option figure that would most closely resemble the unfolded form of the paper.

A.
B.
C.
D.

Answer : D

Section: Module I English Language and Comprehension

Q.1 Replace the underlined word in the given sentence with its correctly spelt version: I have been morning the death of my pet dog.

A. moruning
B. mourning
C. murning
D. merning

Answer : B. mourning

Q.2 Select the most appropriate synonym of the given word: Abolish

A. Subside
B. Cancel
C. Worship
D. Assist

Answer : B. Cancel

Q.3 Select the most appropriate synonym of the given word: Dingy

A. Sterile
B. Dreary
C. Pure
D. Bright

Answer : B. Dreary

Q.4 Rearrange: The youth _____ now-a-days. [life / of / today / a / leading / are / miserable]

A. of today are leading a miserable life
B. today are leading of a miserable life
C. today are leading a miserable life of
D. are today leading of a miserable life

Answer : C. today are leading a miserable life of

Q.5 Rearrange: I missed the _____ for the next. [usually / hour / which / for / board / had / wait / an / bus / I / and / to]

A. bus I usually board which had to wait for an hour and
B. hour and had to wait for an bus which I usually board
C. bus which I board and had to wait for an usually hour
D. bus which I usually board and had to wait for an hour

Answer : D. bus which I usually board and had to wait for an hour

Q.6 Select the most appropriate option that can substitute the underlined segment in: Harish is clever than wise.

A. more cleverer than
B. more clever than
C. cleverest than
D. clever as

Answer : B. more clever than

Q.7 Select the option that expresses the given sentence in indirect speech: The patient says, "I am fine."

A. The patient says that he was fine.
B. The patient says that he would be fine.
C. The patient says that he is fine.

D. The patient says that he will be fine.

Answer : C. The patient says that he is fine.

Q.8 Find out the sentence with correctly spelt words: He is wimsical by natur. No one can seek an explanation from him for his absurd atitude towards others.

A. He is wimsical by nature. No one can seek an explanation from him for his absurd attitude towards others.

B. He is whimsical by nature. No one can seek an explanation from him for his absurd attitude towards others.

C. He is whimsical by nature. No one can seek an explanation from him for his absurd atitude towards others.

D. He is whimsical by natur. No one can seek an explanation from him for his absurd attitude towards others.

Answer : B. He is whimsical by nature. No one can seek an explanation from him for his absurd attitude towards others.

Q.9 Select the most appropriate option to fill in the blanks: It's funny how every time he fails to apply the _____ and _____ the glass.

A. breaks; breaks

B. breaks; brakes

C. brakes; breaks

D. brakes; brakes

Answer : C. brakes; breaks

Q.10 Substitute the underlined segment: Research in Social Sciences is plagued nowadays on gloomy definitions and measurements.

A. nowadays amid gloomy definitions

B. nowadays by gloomy definitions

C. nowadays onto gloomy definitions

D. nowadays during gloomy definitions

Answer : B. nowadays by gloomy definitions

Q.11 Passive voice: I remember my mother taking me to the stadium.

A. I was taken to the stadium by mother that I remembered.

B. My mother remembered me taken to the stadium.

C. I remember being taken to the stadium by my mother.

D. I was remembered being taken to the stadium by my mother.

Answer : C. I remember being taken to the stadium by my mother.

Q.12 Indirect speech: He always says to me, "I am perturbed."

A. He always tells me that he is mostly perturbed.

B. He always tells me that he is perturbed by change.

C. He always tells me that he is perturbed.

D. He always tells me that he is going to be perturbed.

Answer : C. He always tells me that he is perturbed.

Q.13 Fill in the blank: He has not _____ returned the money.

A. only

B. still

C. yet

D. too

Answer : C. yet

Q.14 Fill in the blank: His family lives _____ Mahu in Madhya Pradesh.

A. of

B. by

C. at

D. in

Answer : C. at

Q.15 Identify the error segment: The Supreme Court set away the verdict of the High Court and agreed to hear the plea of the complainant.
A. the verdict of the High Court
B. The Supreme Court set away
C. and agreed to hear the plea
D. of the complainant
Answer : B. The Supreme Court set away

Q.16 Passive voice: Doctors saved many lives during the pandemic.
A. Many lives have been saved by doctors during the pandemic.
B. Many lives were being saved by doctors during the pandemic.
C. Many lives were saved by doctors during the pandemic.
D. Many lives are saved by doctors during the pandemic.
Answer : C. Many lives were saved by doctors during the pandemic.

Q.17 Substitute underlined part: The firefighters tried their best to extinguish the fire.
A. put out
B. put on
C. put in
D. put off
Answer : A. put out

Q.18 Direct speech: He will say that he is okay.
A. He will say, "I was okay."
B. He would say, "I am okay."
C. He will say, "I am okay."
D. He will say, "I am always okay."
Answer : C. He will say, "I am okay."

Q.19 Rearrange jumbled paragraph:
S1. CV Raman's story begins in a village near Tiruchirapalli...
P. When he was four years old, Raman's family moved to Vishakapatnam.
Q. He was born on 8 November 1888...
R. Chandrasekara Iyer was an athletic man...
S. His father took up a job there...
S6. His young son Raman was not physically very strong...
A. QPRS
B. QPSR
C. PQSR
D. SRPQ
Answer : B. QPSR

Q.20 ANTONYM of 'Allies': Allies have always come to his rescue in spite of his _____ attempts to defame him.
A. enemies'
B. scholars'
C. buddies'
D. fellows'
Answer : A. enemies'

Q.21 Fill in the blank: The rising rate of nationalism _____ hard for...
A. the
B. all
C. its
D. some
Answer : A. the

Q.22 Rearrange: The people of _____ to survive. [are / this / island / commodities / deprived / essential / needed / remote / of]
A. this island are deprived of essential commodities needed remote

B. this remote island are needed essential commodities deprived of
C. this remote island are deprived of essential commodities needed
D. remote island are deprived of essential commodities needed this
Answer : C. this remote island are deprived of essential commodities needed

Q.23 Select the most appropriate adverb: I'm going to walk my dog _____.
A. Now
B. Already
C. Annually
D. Rarely
Answer : A. Now

Q.24 Select the INCORRECTLY spelt word:
A. Instinctual
B. Intuition
C. Implusive
D. Initiative
Answer : C. Implusive

Q.25 Synonym of 'exponent': Huxley was an exponent of Darwin's theory of evolution.
A. Proponent
B. Cease
C. Terminate
D. Conclude
Answer : A. Proponent

Q.26 Meaning of idiom 'Call it a day':
A. Name a particular day
B. Involve many people for a simple job
C. Begin with an assignment
D. Stop working on something
Answer : D. Stop working on something

Q.27 Passive voice: The new sunshades have protected our windows during the rainy season.
A. Our windows are being protected by the new windows...
B. Our windows are being protected by the new sunshades...
C. Our sunshades have been protected by the new windows...
D. Our windows have been protected by the new sunshades during the rainy season.
Answer : D. Our windows have been protected by the new sunshades during the rainy season.

Q.28 Select articles: I was in _____ town for about half _____ hour.
A. No article; an
B. a; No article
C. the; a
D. a; an
Answer : D. a; an

Q.29 Comprehension
In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in
each blank.
During active sleep, the body is still, (1)_____ the brain is active. The eyes dart back and forth behind closed lids, blood pressure
(2)_____ and the breathing pattern speeds up. An EEG of someone during rapid eye movement sleep looks almost the same as the
EEG of a person in the waking state, although one is still asleep and the body is still immobile. Rapid eye movement sleep plays a
vital role in harmonising the experiences we have in the world outside. An EEG of someone during rapid eye movement sleep looks

almost the same as the EEG of a person in the (3)_____ state, although one is still asleep and the body is still (4)_____.
Rapid eye movement during sleep plays a vital role in harmonising the experiences we have in the world outside.
Blank 1: During active sleep, the body is still, (1) _____ the brain is active.

A. therefore
B. so
C. but
D. neither

Answer : C. but

Q.30 Comprehension Blank 2: ...blood pressure (2) _____ and the breathing pattern speeds up.

A. relaxes
B. beeps
C. stables
D. increases

Answer : D. increases

Q.31 Comprehension Blank 3: ...looks almost the same as the EEG of a person in the (3) _____ state...

A. eating
B. standing
C. sleeping
D. waking

Answer : D. waking

Q.32 Comprehension Blank 4: ...although one is still asleep and the body is still (4) _____.

A. conscious
B. active
C. performing
D. immobile

Answer : D. immobile

Q.33 Passage
Read the given passage and answer the question that follows.
Lena was an avid explorer. She had a deep fascination for the mysteries hidden within the dense forests. One day, while wandering through a secluded forest, she stumbled upon an ancient-looking map half-buried in the undergrowth. The map depicted a trail that led to a legendary waterfall rumoured to possess magical properties. Driven by her curiosity, Lena decided to follow the trail. As she walked deeper into the forest, the atmosphere grew more enchanting. Sunlight filtered through the thick canopy, casting dappled patterns on the ground. The sound of rustling leaves and distant bird calls created a symphony of nature around her. Guided
by the map's markings, Lena navigated through challenging terrains and crossed a narrow rope bridge suspended over a crystal clear stream. Finally, after hours of journeying, Lena arrived at the foot of the legendary waterfall. Its cascading waters sparkled like diamonds in
the sunlight, and a gentle mist enveloped the surroundings. Lena felt a sense of wonder and tranquillity as she dipped her hand in the cool waters, as if the legends were coming alive. She sat by the waterfall, captivated by its beauty, pondering the ancient stories that had led her here.
Q: Correct spelling for trial/trail in 'What was Lena's reason for following the trial on the map?'

A. Treil
B. Trail
C. Trale
D. Triall

Answer : B. Trail

Q.34 Passage Q: Where did Lena find the map?

A. Buried in the sand
B. Half-buried in the undergrowth

C. In a bookstore in town
D. Underneath a bridge
Answer : B. Half-buried in the undergrowth

Q.35 Passage Q: Antonym of 'surrounded' in context of Lena's journey:
A. Freed
B. Girded
C. Bolt
D. Created
Answer : A. Freed

Q.36 Passage Q: What intrigued Lena's curiosity in the forest?
A. She stumbled upon an ancient map.
B. She discovered an old book.
C. She found a hidden cave.
D. She heard whispers in the wind.
Answer : A. She stumbled upon an ancient map.

Q.37 Passage
As a result of increasing population and expansion of residential areas, forest lands are being encroached. This is not all; even the wildlife is under extreme threat. As our fauna is facing a dearth of adequate shelter in forests, they are heading towards towns and hence get killed by hunters. Consequently, many animal species have either become extinct or are on the verge of extinction. The Black Buck is almost endangered and found only in two countries, Nepal and India. In India, this antelope is found in many national parks like Guindy National Park, Point Calimere and Vellandu sanctuaries of Tamil Nadu, Rollapadu of Andra Pradesh, few parts of
Rajasthan and Haryana. As far as their habitat is concerned, they live in open grasslands, dry areas or thinly populated areas and near water resources. They live in the desert areas of Rajasthan and coastal areas because they cannot sustain cold climate. They are the fastest running animals on this planet. Further, this animal is active during the day, but slows down in its activities after midday. They are social beings. Hence, they move with their herds, which can vary from 3 to 23 mates. They cohabit twice in a year and give birth twice in a year.
Prior to independence, this antelope was extensively hunted which affected their population so much that this species has reached the stage of extinction in many parts of the country. Poachers kill them mainly for material gain. Its skin has an enormous value in the market. In order to protect this species, the IUCN has declared this species nearly threatened. Hence, under Schedule I of the Wildlife Protection Act of 1972, numerous stern measures have been taken. To specify a few, Kaimur Wildlife Sanctuary (Bihar), Gir Forest National Park, Velavadar Wildlife Sanctuary (Gujarat), National Chambal Sanctuary, etc. Despite these acts, hunting is adversely affecting our wildlife. There are some solutions to this problem but the best one is to boycott the products made from endangered species at an international level. This seems to be effective but will it prevent animal hunting? That's a question.
Q What is the author's tone in this passage?
A. Revengeful
B. Impressed
C. Agitated
D. Concerned
Answer : D. Concerned

Q.38 Passage Q: The Black Buck is killed because of hunters':
A. personal gratification
B. material gain
C. need
D. fun
Answer : B. material gain

Q.39 Passage Q: Choose the word which closely means 'adversely':
A. Distressing
B. Scarcely

C. Detrimentally
D. Digressing
Answer : C. Detrimentally

Q.40 Passage Q: What is the theme of this passage?
A. Land encroachment
B. Over-population
C. Forests and their uses
D. Endangered species
Answer : D. Endangered species

Section: Module II General Awareness

Q.1 The pH value of the curd is:
A. higher than 7
B. nearly 7
C. lower than the pH value of milk
D. higher than the pH value of milk
Answer : C. lower than the pH value of milk

Q.2 In 2021, Union Minister Jitendra Singh inaugurated the X-band Doppler Weather Radar to provide improved forecasts. Where was it inaugurated?
A. Puducherry
B. Jammu
C. Ladakh
D. Chandigarh
Answer : B. Jammu

Q.3 Which of the following is NOT the feature of Fundamental Duties provided under the Constitution of India?
A. Duties are enforceable by the law
B. Duties are inspired from erstwhile USSR
C. Duties are non-justiciable in nature
D. Duties are intended to secure the country
Answer : A. Duties are enforceable by the law

Q.4 Which of the following duties is specified as the 10th Fundamental Duty in the Indian Constitution?
A. To cherish and follow the noble ideals which inspired our national struggle for freedom
B. To provide opportunities for education to his child or ward
C. To develop the scientific temper, humanism and the spirit of inquiry and reform
D. To strive towards excellence in all spheres of individual and collective activity
Answer : D. To strive towards excellence in all spheres of individual and collective activity

Q.5 Choose the correct order of the following plateaus and mountain ranges from south to north of India.
A. Malwa Plateau, Vindhya Range, Satpura Range, and Deccan Plateau
B. Malwa Plateau, Satpura Range, Vindhya Range, and Deccan Plateau
C. Deccan Plateau, Vindhya Range, Satpura Range, and Malwa Plateau
D. Deccan Plateau, Satpura Range, Vindhya Range, and Malwa Plateau
Answer : D. Deccan Plateau, Satpura Range, Vindhya Range, and Malwa Plateau

Q.6 Central Vigilance Commission observed Vigilance Awareness Week 2022 with which of the following themes?
A. Independent India @ 75: Self Reliance with Integrity
B. Integrity A way of life
C. Vigilant India, Prosperous India
D. Corruption free India for a developed Nation
Answer : D. Corruption free India for a developed Nation

Q.7 Which of the following statements regarding orographic rainfall is correct?

A. This type of precipitation is characterised by seasonal reversal of winds that carry oceanic moisture.
B. It occurs mainly during summer and is common over equatorial doldrums in the Congo basin.
C. This type of precipitation occurs when warm, humid air strikes on a mountain range.
D. This precipitation is heavy but of short duration, highly localised and is associated with minimum amount of cloudiness.
Answer : C. This type of precipitation occurs when warm, humid air strikes on a mountain range.

Q.8 Who propounded the famous equation $E = mc^2$ in 1905?
A. Werner Heisenberg
B. Isaac Newton
C. Albert Einstein
D. Ernest Rutherford
Answer : C. Albert Einstein

Q.9 When was International Anti-Corruption Day Celebrated in 2021 (an annual event) to raise awareness and find newer ways to combat corruption?
A. 19 August
B. 9 December
C. 4 February
D. 16 January
Answer : B. 9 December

Q.10 How many phases are involved in the census operations in India?
A. Four
B. One
C. Three
D. Two
Answer : D. Two

Q.11 What is the cottony growth over a stale and moist bread known as?
A. Bacteria
B. Algae
C. Lichens
D. Fungi
Answer : D. Fungi

Q.12 A part of the cell other than the nucleus which has DNA and ribosomes and can thus make its own proteins is known as:
A. endoplasmic reticulum
B. ribosomes
C. Golgi apparatus
D. mitochondria
Answer : D. mitochondria

Q.13 Which of the following statements is correct regarding the jurisdiction of the Supreme Court of India?
A. Article 30 of the Constitution gives extensive original jurisdiction.
B. The original jurisdiction extends to any dispute between the Government of India and one or more State.
C. The Supreme Court has a very wide advisory jurisdiction over all courts.
D. The original jurisdiction can be invoked by a certificate granted by High Court.
Answer : B. The original jurisdiction extends to any dispute between the Government of India and one or more State.

Q.14 Nataraja represents the dancing figure of which Hindu deity?
A. Ganesh
B. Vishnu
C. Kartikeya
D. Shiva

Answer : D. Shiva

Q.15 Which of the following statements regarding the functions of money is/are true? 1. Money as a unit of account means it is a standard numerical unit of measurement... 2. Money as a standard of deferred payment is not a significant function...

A. Both 1 and 2
B. Only 2
C. Neither 1 nor 2
D. Only 1

Answer : D. Only 1

Q.16 The number of atoms in exactly 12 g of carbon-12 is known as:

A. Avogadro's constant
B. Rydberg constant
C. Planck's constant
D. Faraday's constant

Answer : A. Avogadro's constant

Q.17 The torrid zone lies between:

A. Tropic of Cancer and Tropic of Capricorn
B. North Pole and Arctic Circle
C. Antarctic Circle and Tropic of Capricorn
D. Arctic Circle and Tropic of Cancer

Answer : A. Tropic of Cancer and Tropic of Capricorn

Q.18 Match List I (Concepts) with List II (Descriptions):
(a) Microcredit -> (iv) Small loans
(b) Microsavings -> (i) Small, peer-monitored savings
(c) Microinsurance -> (ii) Financial protection against specific perils
(d) Social Collateral -> (iii) Group responsibility guarantee

A. a-(i), b-(ii), c-(iii), d-(iv)
B. a-(iii), b-(iv), c-(i), d-(ii)
C. a-(iv), b-(i), c-(ii), d-(iii)
D. a-(ii), b-(iii), c-(i), d-(iv)

Answer : C. a-(iv), b-(i), c-(ii), d-(iii)

Section: Module I Computer Knowledge Module

Q.1 What application software is utilised for managing extensive data collections and executing queries?

A. Paint
B. Word processing software
C. Database management system software
D. Antivirus software

Answer : C. Database management system software

Q.2 How can using a smiley or emoji help reduce misunderstandings in instant messaging?

A. By replacing words that could be misinterpreted
B. By shortening the message content
C. By clarifying the sender's tone or emotional intent
D. By eliminating the need for a response

Answer : C. By clarifying the sender's tone or emotional intent

Q.3 Which of the following best describes the primary difference between broadband and dial-up Internet connections?

A. Dial-up is wireless, broadband is wired
B. Dial-up uses a telephone line, while broadband uses various technologies for higher speeds.
C. Dial-up requires a cable connection, while broadband does not.
D. Broadband is slower than dial-up.

Answer : B. Dial-up uses a telephone line, while broadband uses various technologies for higher speeds.

Q.4 Which of the following is considered the first mechanical computer designed by Charles Babbage?

A. UNIVAC
B. Abacus
C. Analytical Engine
D. ENIAC
Answer : C. Analytical Engine

Q.5 Which of the following is an essential role of ROM in a computer system?

A. Storing data temporarily
B. Storing data permanently for boot-up processes
C. Performing calculations
D. Storing files created by the user
Answer : B. Storing data permanently for boot-up processes

Q.6 Which of the following protocols is commonly used for data encapsulation in WANs?

A. TCP/IP
B. High-Level Data Link Control
C. Wi-Fi
D. Ethernet
Answer : B. High-Level Data Link Control

Q.7 Keyboard shortcut to Save as document in MS Word 2019 is:

A. F12
B. F10
C. F9
D. F11
Answer : A. F12

Q.8 Which of the following keyboard shortcuts is commonly used to rename a file or folder in Windows OS?

A. Ctrl+R
B. F2
C. Ctrl+F5
D. Alt+Enter
Answer : B. F2

Q.9 What is the function of the CPU following the commencement of a DMA transfer?

A. It is free to perform other tasks while the transfer is handled by the DMA controller.
B. It actively manages each byte transferred.
C. It handles the entire data transfer.
D. It must remain idle until the DMA transfer is complete.
Answer : A. It is free to perform other tasks while the transfer is handled by the DMA controller.

Q.10 In symmetric encryption, how many keys are used to encrypt and decrypt data?

A. One Key
B. No Key
C. Two Keys
D. Three Keys
Answer : A. One Key

Q.11 Which type of e-commerce model is exemplified by Amazon?

A. B2C (Business to Consumer)
B. B2B (Business to Business)
C. C2C (Consumer to Consumer)
D. C2B (Consumer to Business)
Answer : A. B2C (Business to Consumer)

Q.12 Which browser extension could be used to download an entire web page for offline use?

A. Grammarly
B. AdBlock

C. Web ScrapBook
D. Evernote
Answer : C. Web ScrapBook

Q.13 What does the Ctrl + V shortcut key do?
A. Saves the document
B. Cuts the selected content
C. Pastes the copied content.
D. Finds text in a document
Answer : C. Pastes the copied content.

Q.14 Which option in the print dialog allows you to save a web page as a digital file instead of printing it?
A. Select printer
B. Print preview
C. Save as PDF
D. Print to file
Answer : C. Save as PDF

Q.15 What does QR in 'QR code' stand for?
A. Quantum Read
B. Quick Resolution
C. Query Response
D. Quick Response
Answer : D. Quick Response

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