Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION



SSC EXAMS

PYQs

SSC EXAMS

SSC CHSL Tier II 2023

PREVIOUS YEAR QUESTIONS

Q.1 What is the value of $(1 + \cot A + \tan A)(\sin A - \cos A) / [(\sin^3 A - \cos^3 A) / (\sin A \cos A)]$?

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

Answer : A. 1

Q.2 The HCF of two numbers is one-twentieth of their LCM. If one of the numbers is 96 and the difference of the LCM and the HCF is 456, then what is the other number?

A. 48
B. 120
C. 144
D. 72

Answer : B. 120

Q.3 Find the median of the following data: 15, 30, 20, 10, 25, 35, 18, 21, 28.

A. 30
B. 18
C. 25
D. 21

Answer : D. 21

Q.4 If $\sin x + \sin^2 x = 1$, then what is the value of $\cos^8 x + 2\cos^6 x + \cos^4 x$?

A. 2
B. 0
C. 4
D. 1

Answer : D. 1

Q.5 The annual growth rate of a city is 2%. If its population in the year 2020 was 1,50,000, then what will its population be in 2023?

A. 1,59,181
B. 1,58,765
C. 1,58,413
D. 1,59,000

Answer : A. 1,59,181

Q.6 In a 1200 m circular race, A and B start at the same time from the same position in the same direction at speeds of 18 km/h and 27 km/h, respectively. In how much time after the start of race will they meet for the first time on the track?

A. 300 seconds
B. 480 seconds
C. 520 seconds
D. 240 seconds

Answer : B. 480 seconds

Q.7 The marked price of a television set is ₹18,000. A shopkeeper allows a discount of 40% and gets a profit of 10%. What is the cost price of the television set?

A. ₹9,531 9/11
B. ₹28,181 9/11
C. ₹7,821 9/11
D. ₹9,818 2/11

Answer : D. ₹9,818 2/11

Q.8 The HCF of two numbers is 11 and their LCM is 693. If one of the numbers is 77, find the other.

A. 66
B. 99

C. 55
D. 44
Answer : B. 99

Q.9 Find the median of the following data: 129.75, 116.6, 12.3, 114.1, 136.6, 118.7, 13.5, 121.3.
A. 116.60
B. 117.65
C. 118.75
D. 127.80
Answer : B. 117.65

Q.10 The sum of the ages of Arun and Bharti is 24 years such that Arun is older. If the age of Arun and Bharti is doubled, the difference is 8 years. What is the age of Arun, in years?
A. 28
B. 10
C. 16
D. 14
Answer : D. 14

Q.11 If sin A = 8/17, then what is the value of cot A + sec A?
A. 2 1/120
B. 3 1/120
C. 4 1/120
D. 5 1/120
Answer : B. 3 1/120

Q.12 The ages of father and son differ by 15 years. 5 years ago the father was 2 times as old as his son. Find their present ages.
A. 35 years, 20 years
B. 30 years, 15 years
C. 40 years, 25 years
D. 45 years, 30 years
Answer : A. 35 years, 20 years

Q.13 The radii of two cylinders are in the ratio 2 : 1 and their heights are in the ratio 5 : 2. The ratio of their volumes is:
A. 20 : 1
B. 15 : 1
C. 10 : 1
D. 5 : 1
Answer : C. 10 : 1

Q.14 What is the correct descending order of the following ratios: 17/30, 7/15, 27/50, 11/20?
A. 11/20 > 17/30 > 27/50 > 7/15
B. 17/30 > 11/20 > 27/50 > 7/15
C. 17/30 > 27/50 > 11/20 > 7/15
D. 7/15 > 11/20 > 27/50 > 17/30
Answer : A. 11/20 > 17/30 > 27/50 > 7/15

Q.15 In what ratio should rice costing Rs.67.5 per kg be mixed with rice costing Rs.60 per kg to get an average price of Rs.64 per kg?
A. 8 : 7
B. 5 : 6
C. 6 : 5
D. 7 : 8
Answer : A. 8 : 7

Q.16 If sums of the radii and distance between the centres of two circles are equal, then:
A. the circles are concentric
B. the circles touch externally
C. the circles touch internally

D. the circles intersect each other

Answer : B. the circles touch externally

Q.17 How many whole numbers lie between 11^2 and 12^2?

A. 23
B. 24
C. 21
D. 22

Answer : D. 22

Q.18 Gita purchases an apartment and pays EMI for that. Her monthly income is ₹80,000. She spends 15% on the education of her children, 40% on household affairs, sends 10% to GPF, saves 15% in a savings bank account and pays the rest of the amount as EMI. How much EMI does she pay?

A. ₹14,000
B. ₹18,000
C. ₹16,000
D. ₹20,000

Answer : C. ₹16,000

Q.19 A number is divisible by 3 only when:

A. the difference of the sum of the odd and the even digits is divisible by 3
B. the sum of its digits is divisible by 3
C. the last digit is either 0 or an even number
D. the last two digits are divisible by 3

Answer : B. the sum of its digits is divisible by 3

Q.20 The length of a rectangular plot is thrice its breadth. If the area of the rectangular plot is 2700 m^2, then what is the breadth of the rectangular plot?

A. 20 m
B. 12 m
C. 30 m
D. 28 m

Answer : C. 30 m

Q.21 A and B jointly start a business. The investment of A is equal to seven times the investment of B. Find the share of A (in ₹) in the annual profit of ₹2,75,000.

A. ₹2,40,625
B. ₹2,45,625
C. ₹2,42,365
D. ₹2,41,225

Answer : A. ₹2,40,625

Q.22 A can do a piece of work in 30 days, B in 50 days and C in 40 days. If A is assisted by B on one day and by C on the next day alternately, the work will be completed in:

A. 17 33/35 days
B. 17 32/35 days
C. 17 3/35 days
D. 17 34/35 days

Answer : B. 17 32/35 days

Q.23 A sum of money doubles itself in 4 years at simple interest. In how much time will it become 7 times at the same rate of interest?

A. 25 years
B. 23 years
C. 24 years
D. 21 years

Answer : C. 24 years

Q.24 Ten refrigerators and four mobile phones together cost ₹2,10,000 while six refrigerators and two mobile phones together cost ₹1,22,000. The cost (in ₹) of one refrigerator and two mobile phones is:

A. ₹37,000

B. ₹35,200
C. ₹34,500
D. ₹36,000
Answer : A. ₹37,000

Q.25 In an election between two candidates, 20% of the registered voters did not cast their vote and 40 votes were declared invalid. The winner got 42% of the registered votes and was declared the winner by 112 votes. The number of registered voters was:
A. 1500
B. 1200
C. 1800
D. 3800
Answer : C. 1800

Q.26 The average of the square of first five even natural numbers is:
A. 40
B. 44
C. 42
D. 46
Answer : B. 44

Q.27 ΔXYZ and ΔPQR are similar. XY : PQ = 6 : 1. Area of ΔPQR is 6 cm². What is the area of ΔXYZ?
A. 216 cm²
B. 6 cm²
C. 261 cm²
D. 36 cm²
Answer : A. 216 cm²

Q.28 In grade 11 of a school, 40 students opted for Physics, 17 opted for Biology, and 20 opted for Chemistry. If the total number of students in grade 11 was 60, all of these students opted for at least one of the three subjects mentioned here, and exactly five of these students opted for all these three subjects, what is the probability that a randomly selected student of grade 11 of this school would have opted for exactly one of these three subjects?
A. 0.75
B. 0.85
C. 0.90
D. 0.80
Answer : D. 0.80

Q.29 AD is a tangent of a circle, and ABC is the secant. If AB = 8 cm and BC = 10 cm, then find the length of AD.
A. 144 cm
B. 12.5 cm
C. 13.45 cm
D. 12 cm
Answer : D. 12 cm

Q.30 A cube of side 5 cm, has been assembled using 125 cubes each of 1 cm edge. One cube is removed from the middle of each of the faces of the cube. What is the surface area (in cm²) of the remaining solid?
A. 155
B. 144
C. 150
D. 174
Answer : D. 174

Section: Reasoning and General Intelligence

Q.1 Select the number from among the given options that can replace the question mark (?) in the following series: 337, 354, 373, 394, 417, ?

A. 446
B. 444
C. 440
D. 442
Answer : D. 442

Q.2 Select the option that is related to the third figure in the same way as the second figure is related to the first figure.

A. Triangle
B. Hexagon
C. Circle
D. Diamond
Answer : B. Hexagon

Q.3 Select the option in which the given figure is embedded (rotation is allowed).

A. Option 1
B. Option 2
C. Option 3
D. Option 4
Answer : C. Option 3

Q.4 In a certain code language, 'RETAIL' is written as 'FNQWJY' and 'POLICE' is written as 'NHJUTQ'. How will 'HARBOR' be written in that language?
A. GTWMFW
B. GTMWWF
C. GTMWFW
D. GTWMWF
Answer : A. GTWMFW

Q.5 Select the correct water image of the given figure

A. Option 1
B. Option 2
C. Option 3
D. Option 4
Answer : D. Option 4

Q.6 Statement: $F > B < E \leq C = D \geq A > G$. Conclusion I: $G < F$, Conclusion II: $C > G$
A. Only Conclusion II is true
B. Both Conclusion I and Conclusion II are true
C. Only Conclusion I is true
D. Neither Conclusion I nor Conclusion II is true
Answer : A. Only Conclusion II is true

Q.7 If you are the 27th person in a queue from one end and 38th from the other end, what is the total number of persons in the queue?
A. 66
B. 65
C. 64
D. 63
Answer : C. 64

Q.8 Rearrange the jumbled letters in 'EADL' to form the correct word: After a long negotiation, they finally reached a EADL that satisfied both parties.
A. DALE
B. LEAD
C. DEAL
D. LADE

Answer : C. DEAL

Q.9 Arrange in dictionary order:
1. Talisman
2. Tantamount
3. Tangential
4. Tantalizing
5. Taciturn

A. 4, 2, 3, 5, 1
B. 1, 4, 3, 5, 2
C. 3, 5, 1, 4, 2
D. 5, 1, 3, 4, 2

Answer : D. 5, 1, 3, 4, 2

Q.10 Identify the figure that does NOT belong to the following series.

A. Option 1
B. Option 2
C. Option 3
D. Option 4

Answer : B. Option 2

Q.11 Statements: (A) All actors are gold. (B) All gold are houses. (C) All rooms are houses. Conclusions: I. Some gold are rooms. II. Some rooms are actors.

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

Answer : B. Neither Conclusion I nor Conclusion II follows

Q.12 Statement: $M < K \leq N > P = J > O \geq L$. Conclusion I: $N > L$, Conclusion II: $O = M$

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

Answer : C. Only Conclusion I is true

Q.13 Statement: The traffic congestion in the city has significantly increased during peak hours. Courses of Action: I. Improve public transportation infrastructure... II. Impose hefty fines on individual drivers...

A. Both Course of Action I and Course of Action II follow
B. Neither Course of Action I nor Course of Action II follows
C. Only Course of Action I follows
D. Only Course of Action II follows

Answer : C. Only Course of Action I follows

Q.14 Six boxes A, B, C, D, E, F are arranged vertically. Box F is immediately above E. Three boxes between A and B (A above B). One box between E and D. Three boxes between E and C. Box E is second-last. Which box is immediately above D?

A. C
B. B
C. F
D. A

Answer : D. A

Q.15 Paper folding and cutting sequence: Select the unfolded form.

A. Option 1
B. Option 2
C. Option 3
D. Option 4

Answer : C. Option 3

Q.16 Which two numbers should be interchanged to make the equation correct? 96 ÷ 8 - 3 × 6 + 32 = 24

A. 6 and 8
B. 3 and 32
C. 3 and 8
D. 8 and 32

Answer : A. 6 and 8

Q.17 In a certain code language, 'GATE' is written as 'JOFB' and 'IDLE' is written as 'JGID'. How will 'MILK' be written in that language?

A. PNGH
B. PGNH
C. OFMG
D. OMFG

Answer : B. PGNH

Q.18 Select the letter-cluster series replacement: EBD, JGI, ?, TQS, YVX

A. OKN
B. OLN
C. NLO
D. NKO

Answer : B. OLN

Q.19 Select the letter-cluster series replacement: HCE, MHJ, ?, TOQ, VQS, WRT

A. RMO
B. RLN
C. QLN
D. QMO

Answer : C. QLN

Q.20 If '+' means '÷', 'x' means '-', '÷' means '+' and '-' means 'x', then solve: 91 ÷ 13 - 8 x 37 + 4 = ?

A. 67
B. 59
C. 63
D. 51

Answer : B. 59

Q.21 Statement: India's largest lender bank announced allowing customers to exchange ₹2,000 notes without a requisition slip up to ₹20,000. Conclusions: I. No one allowed > ₹20,000. II. No requisition slip required up to 20,000.

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

Answer : A. Only Conclusion II follows

Q.22 Rearrange jumbled word 'ETNSIL': The ETNSIL night was interrupted only by the gentle rustling of leaves...

A. SILENT
B. LISTEN
C. TENILS
D. NILETS

Answer : A. SILENT

Q.23 Select the odd number-pair out:

A. (837, 948)
B. (671, 782)
C. (456, 765)
D. (258, 369)

Answer : C. (456, 765)

Q.24 Pulp : Paper :: Sugarcane : ?

A. Egg
B. Jaggery
C. Milk
D. Grapes

Answer : B. Jaggery

Q.25 Select the figure from options that replaces question mark in the figure series.

A. Option 1
B. Option 2
C. Option 3
D. Option 4

Answer : B. Option 2

Q.26 Select the word-pair sharing a DIFFERENT relationship from the others:

A. Assign : Allot
B. Solicit : Request
C. Fallacy : Illusion
D. Initial : Final

Answer : D. Initial : Final

Q.27 Select the pattern completion figure for the question mark.

A. Option 1
B. Option 2
C. Option 3
D. Option 4

Answer : D. Option 4

Q.28 Select the option related to 5 in the analogy: 7 : 336 :: 3 : 24 :: 5 : ?

A. 122
B. 120
C. 125
D. 130

Answer : B. 120

Q.29 Event (i): High level of air pollution in the city. Event (ii): Increase in respiratory and health problems in population.

A. Event (ii) is effect and Event (i) is cause
B. Both events are effects of a common cause
C. Both events are effects of independent causes
D. Event (i) is effect and Event (ii) is cause

Answer : A. Event (ii) is effect and Event (i) is cause

Q.30 Statement: New government policy aims to reduce carbon emissions by 50% within next decade. Conclusions: I. Immediately ban all fossil fuel vehicles. II. Shut down all coal-fired power plants.

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

Answer : D. Neither Conclusion I nor Conclusion II follows

Section: English Language and Comprehension

Q.1 Substitute underlined segment: An ultralight airplane is very different from a conventional airplane. It is looking like a lawn chair with wings.

A. No substitution required
B. look like
C. looked like

D. looks like

Answer : D. looks like

Q.2 Identify error segment: The police could not / hold on the people / for long as they / gathered in large numbers

A. for long as they
B. hold on the people
C. The police could not
D. gathered in large numbers

Answer : B. hold on the people

Q.3 Substitute underlined segment: Raju did very well in the exam, he must study well.

A. he may study well
B. he should have studied well
C. he must have studied well
D. No substitution required

Answer : C. he must have studied well

Q.4 Fill in blanks: Fingernails and toenails helped our _____ to climb trees... While their colour and condition offer clues about your _____ health.

A. ancestors; overall
B. predecessor, universal
C. forefather, all in all
D. general; altogether

Answer : A. ancestors; overall

Q.5 Rearrange jumbled sentences A, B, C, D into a paragraph.

A.It is almost a definition of a gentleman to say he is one who never inflicts pain
B.He is mainly occupied in merely removing the obstacles which hinder the free and unembarrassed action of those about him, and he concurs with their movements rather than takes the initiative himself.
C.The true gentleman in like manner carefully avoids whatever may cause a jar or a jolt in the minds of those with whom he is cast; all clashing of opinion, or collision of feeling, all restraint, or suspicion, or gloom, or resentment; his great concern being to make everyone at their ease and at home.
D.His benefits may be considered as parallel to what are called comforts or conveniences in arrangements of a personal nature: like an easy chair or a good fire, which do their part in dispelling cold and fatigue, though nature provides both means of rest and animal heat without them

A. BACD
B. ABCD
C. DCBA
D. DBAC

Answer : B. ABCD

Q.6 One-word substitute: Giving cause for legal action

A. Lawful
B. Actionable
C. Legalizing
D. Objectionable

Answer : B. Actionable

Q.7 Rearrange jumbled sentences A, B, C, D between 1 and 2.

1.“Do you still recognise me?” I asked.
A.The woman looked at me searchingly.
B.“I am Mrs. S’s daughter”.
C.I came closer and stood on the step.
D.She opened the door a little.
2.She kept staring at me in silence.

A. BDAC
B. BACD
C. BCAD
D. BADC
Answer : A. BDAC

Q.8 Select the INCORRECTLY spelt word:
A. Subpoena
B. Noticeable
C. Caucus
D. Milennium
Answer : D. Milennium

Q.9 ANTONYM of 'audacious': The young girl is very audacious in every activity.
A. Ferocious
B. Timid
C. Bold
D. Bright
Answer : B. Timid

Q.10 Rearrange jumbled sentences A, B, C, D between 1 and 2.
A. BDAC
B. BCAD
C. BCDA
D. BDCA
Answer : A. BDAC

Q.11 Meaning of idiom 'keep him posted': The officer asked his subordinates to keep him posted of workplace developments.
A. maintain secrecy
B. send letters by post
C. keep sharing the latest information
D. not disturb him in matters
Answer : C. keep sharing the latest information

Q.12 Rearrange: The ashrams / used / were / the centres / of / knowledge and learning / as
A. The ashrams were used as the centres of knowledge and learning.
B. As The ashrams of knowledge and learning were used the centres.
C. Knowledge and learning were used as the centres of the ashrams.
D. The centres of the ashrams were used as knowledge and learning.
Answer : A. The ashrams were used as the centres of knowledge and learning.

Q.13 Direct speech: Madhav applauded her, saying that she had done well.
A. Madhav say, "Bravo! You have done well".
B. Madhav said, "Bravo! You have done well".
C. Madhav said, "Bravo! You been done well".
D. Madhav say, "Bravo! You have be done well".
Answer : B. Madhav said, "Bravo! You have done well".

Q.14 Synonym of 'Flout':
A. Rude
B. Poke
C. Rash
D. Defy
Answer : D. Defy

Q.15 Synonym of 'Faithful':
A. Wavering
B. Devoted
C. Untrustworthy
D. Fickle

Answer : B. Devoted

Q.16 Identify error segment: The students were able to get better from college early so they went to the movies.

A. to get better from
B. went to the movies
C. The students were able
D. college early so they

Answer : A. to get better from

Q.17 Passive voice: Simran was plucking the flowers.

A. The flowers are plucked by Simran.
B. The flowers will be plucked by Simran.
C. The flowers have been plucked by Simran.
D. The flowers were being plucked by Simran.

Answer : D. The flowers were being plucked by Simran.

Q.18 ANTONYM of 'Sanitise':

A. Pollute
B. Sacrifice
C. Devote
D. Purify

Answer : A. Pollute

Q.19 Indirect speech: The lawyer told the father of the accused, "There is a rumour that he has some connection in that crime."

A. ...there had been a rumour...
B. ...there was a rumour that he was having...
C. The lawyer told the father of the accused that there was a rumour that he had some connection in that crime.
D. ...there was a rumour that he has had...

Answer : C. The lawyer told the father of the accused that there was a rumour that he had some connection in that crime.

Q.20 One-word substitute: An official appointed to resolve a dispute

A. Confidante
B. Arbitrator
C. Soothsayer
D. Advocate

Answer : B. Arbitrator

Q.21 Meaning of idiom 'bad blood': There is no point developing bad blood with your neighbours.

A. Enmity
B. Business relations
C. Friendship
D. Family relations

Answer : A. Enmity

Q.22 Fill in blanks: Reptiles _____ from amphibians... existed in an enormous variety of shapes and sizes.

A. developed; continued
B. came; exhausted
C. evolved; existed
D. involved; lived

Answer : C. evolved; existed

Q.23 Fill in blank: Quarrels result in _____ confrontations and bring all conversations to a complete standstill.

A. cold
B. hot
C. heated

D. disputed
Answer : C. heated

Q.24 Passive voice: I gifted a soft toy to my daughter.
A. A soft toy is gifted to my daughter by me.
B. To my daughter was gifted a soft toy by me.
C. A soft toy was gifted to my daughter by me.
D. A soft toy was being gifted to my daughter by me.
Answer : C. A soft toy was gifted to my daughter by me.

Q.25 Direct speech: My son exclaimed with joy that it was an attractive site.
A. My son said, "It is an attractive site."
B. My son said, "What an attractive site it is!"
C. My son said, "What an attractive site it was!"
D. My son said, "It was an attractive site."
Answer : B. My son said, "What an attractive site it is!"

Q.26 Passive voice: The seller shall dispatch the parcel soon to Chennai.
A. The parcel will be dispatched soon to Chennai by the seller.
B. The parcel may be dispatched...
C. The parcel might be dispatched...
D. The parcel can be dispatched...
Answer : A. The parcel will be dispatched soon to Chennai by the seller.

Q.27 Select the INCORRECTLY spelt word:
A. Accomodate
B. Affection
C. Appearance
D. Accompanied
Answer : A. Accomodate

Q.28 Rearrange: An elaborate network / is / the plot of / schemes and tricks / of Much Ado About Nothing
A. The plot is of schemes and tricks...
B. An elaborate network of Much Ado...
C. The plot of Much Ado About Nothing is an elaborate network of schemes and tricks.
D. The plot of schemes and tricks...
Answer : C. The plot of Much Ado About Nothing is an elaborate network of schemes and tricks.

Q.29 Passage
Read the given passage and answer the questions that follow.
China and India together will account for more than a third of the estimated global population, which is expected to hit 8.045 billion by mid-year, according to the United Nations Population Fund's (UNFPA) 'State of World Population Report' for 2023. But, contrary to public perception, population growth has been slowing in both countries – particularly in China, which recorded a population decline for the first time in six decades last year.
China's population fell in 2022 to 1.411 billion, down some 850,000 people from the previous year, according to China's National Bureau of Statistics (NBS). The birth rate also fell to a record low of 6.77 births per 1,000 people, down from 7.52 a year earlier and the lowest level since the founding of Communist China in 1949.
Along with the flagging population data, China also reported one of its worst economic growth numbers in nearly half a century last year, underscoring the steep challenges the country faces as its labor force shrinks and the ranks of the retired swell.
India's working-age population stands at more than 900 million, according to 2021 data from the Organization for Economic Cooperation and Development. This number is expected to hit more than 1 billion over the next decade, according to the Indian government. But these numbers could become a liability if policymakers do not create enough jobs, experts warned.
Q: Main theme of the passage (China & India Population UNFPA Report):
A. China's worsening economic growth

B. slow population growth in India and China
C. India's working-age population
D. China's declining population
Answer : D. China's declining population

Q.30 Passage Q: Estimated world population by middle of this year?
A. 1.256 billion
B. 900 million
C. 1.411 billion
D. 8.045 billion
Answer : D. 8.045 billion

Q.31 Passage Q: Statement A: India's working-age population was 900 million in 2021. Statement B: In next 10 years, > 1 billion.
A. A is false and B is true.
B. A is true and B is false.
C. Neither A nor B is true.
D. Both A and B are true.
Answer : D. Both A and B are true.

Q.32 Passage Q: 'flagging' means all EXCEPT:
A. ascending
B. waning
C. dwindling
D. contracting
Answer : A. ascending

Q.33 Passage
Read the given passage and answer the questions that follow.
King Sagara, an ancestor of King Bhagiratha, once conducted an ashwamedha yagna to extend his dominion. When the horse went astray, the king sent his 60,000 sons to find the horse. Unfortunately, in the course of the quest, they ended up disrupting the intense meditation of sage Kapila, at whose abode they found the horse. Kapila burnt them all to ashes, sending them all to the netherworld—an act he instantly regretted when he realised what had happened. After breaking the news to King Sagara, he mentioned that the souls of King Sagara's sons could attain salvation only if the heavenly Ganga could be persuaded to flow over their ashes.
It was Bhagiratha, whose austere penance and devotion pleased Lord Shiva so much so that he persuaded Ganga to descend to the earth. Ganga consented, but the problem arose that the earth would probably be unable to bear the intensity of Ganga's flow and even be shattered in the process. Thus, a solution was devised: Ganga would first land on Shiva's head and the locks of his hair would minimise the impact. Still, the force of Ganga's landing was such that it split into seven tributaries, three of which flowed east and three of them west. The seventh stream followed King Bhagiratha to the place where his ancestor's ashes lay. The river's waters instantly purified them. This is also the origin of the belief that the Ganga's waters can purify mortal souls of all their sins.
Q Sequence of events C, A, D, B, E.
A. CAEDB
B. CADBE
C. ACEBD
D. ADCBE
Answer : B. CADBE

Q.34 Passage Q: This story is a:
A. true story
B. historical story
C. fable
D. mythological story

Answer : D. mythological story

Q.35 Passage Q: The above story is mainly about:
A. Lord Shiva holding the Ganga in his locks
B. the ashwamedha yagna by King Sagara
C. the coming of the river Ganga to the earth
D. the sage Kapila's anger
Answer : C. the coming of the river Ganga to the earth

Q.36 Passage Q: 'austere penance' - 'austere' means:
A. severe
B. rustic
C. bare
D. subdued
Answer : A. severe

Q.37 Cloze Test
In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Astronomers have discovered 62 new moons orbiting the ringed planet Saturn.
Though some of the moons had been (1)_____ as early as 2019, it takes more than sighting an object close to a planet to (2) _____ it is a moon and not an asteroid making a brief close passage to that planet.
Performing a painstaking (3) _____ of matching objects detected on different nights over the course of 24 months, the team tracked 63 objects that they ended up confirming as moons. One of (4) _____ satellites was revealed back in 2021, with the remaining 62 moons gradually announced over the past few weeks.
Blank 3: Performing a painstaking _____ of matching objects...
A. progress
B. practice
C. process
D. product
Answer : C. process

Q.38 Cloze Test Blank 1: Though some of the moons had been _____ as early as 2019...
A. spotted
B. spot
C. spotting
D. spots
Answer : A. spotted

Q.39 Cloze Test Blank 4: One of _____ satellites was revealed back in 2021...
A. that
B. those
C. this
D. these
Answer : D. these

Q.40 Cloze Test Blank 2: ...sighting an object close to a planet to _____ it is a moon...
A. sanction
B. confirm
C. consent
D. settle
Answer : B. confirm

Section: General Awareness

Q.1 Enzymes in human body: Statement A: Maltase present in saliva breaks maltose to glucose. Statement B: Amylase in saliva changes starches into sugars.
A. Neither A nor B
B. Only A

C. Both A and B
D. Only B
Answer : C. Both A and B

Q.2 Study by BARC scientists in March 2023 found three times higher background radiation in which region?
A. Himachal Pradesh
B. Rajasthan
C. Kerala
D. Madhya Pradesh
Answer : C. Kerala

Q.3 Match Instrument with Use: 1. Sextant (a. Angle), 2. Udometer (d. Rainfall), 3. Thermopile (b. Radiant heat), 4. Pyrometer (c. Temperature)
A. 1-b, 2-d, 3-c, 4-a
B. 1-a, 2-d, 3-b, 4-c
C. 1-c, 2-d, 3-b, 4-a
D. 1-c, 2-b, 3-d, 4-a
Answer : B. 1-a, 2-d, 3-b, 4-c

Q.4 BC Suresh received Dronacharya Award (lifetime achievement 2022) for contribution to:
A. Hockey
B. Volleyball
C. Kabaddi
D. Table tennis
Answer : C. Kabaddi

Q.5 Mughal Empire statements: Statement A: 2nd Battle of Panipat marked beginning of Akbar's rule. Statement B: Battle of Haldighati fought in June 1576.
A. Neither A nor B
B. Both A and B
C. Only A
D. Only B
Answer : B. Both A and B

Q.6 Match Phylum with Example: 1. Porifera (a. Sponge), 2. Cnidaria (d. Jellyfish), 3. Mollusca (b. Squid), 4. Arthropoda (c. Centipede)
A. 1-c, 2-b, 3-d, 4-a
B. 1-a, 2-d, 3-b, 4-c
C. 1-c, 2-d, 3-b, 4-a
D. 1-b, 2-d, 3-c, 4-a
Answer : B. 1-a, 2-d, 3-b, 4-c

Q.7 May 2023 Supreme Court granted divorce on 'irretrievable breakdown of marriage' under which Article?
A. Article 142(1)
B. Article 132(1)
C. Article 122(1)
D. Article 152(1)
Answer : A. Article 142(1)

Q.8 Descending order of basic strength among $NO3^-$, Cl^-, Br^-, I^-:
A. $Cl^- > Br^- > I^- > NO3^-$
B. $NO3^- > Cl^- > Br^- > I^-$
C. $I^- > NO3^- > Cl^- > Br^-$
D. $Br^- > I^- > NO3^- > Cl^-$
Answer : B. $NO3^- > Cl^- > Br^- > I^-$

Q.9 Statements on Arya Samaj & Dayanand Saraswati: A: Original name Mool Shankar Tiwari. B: Native of Gujarat. C: Founded in 1875.
A. All of A, B and C

B. Only A
C. Only A and B
D. Only C
Answer : A. All of A, B and C

Q.10 Who served as the first Chief Justice of India?
A. Hiralal Jekisundas Kania
B. Bijan Kumar Mukherjea
C. Mehr Chand Mahajan
D. M Patanjali Sastri
Answer : A. Hiralal Jekisundas Kania

Q.11 First microfinance institution in India established in 1974:
A. Suryoday Small Finance Bank Ltd.
B. Asirvad Micro Finance Limited
C. Bandhan Financial Services Pvt Ltd
D. SEWA Bank
Answer : D. SEWA Bank

Q.12 Which element in modern periodic table has same number of valence electrons as caesium?
A. Aluminium
B. Barium
C. Potassium
D. Calcium
Answer : C. Potassium

Q.13 Scientific discipline concerned with description and classification of Earth's topographic features:
A. Geomorphology
B. Acarology
C. Ethology
D. Meteorology
Answer : A. Geomorphology

Q.14 As of 2022, highest-denomination currency note ever printed by RBI:
A. ₹2,000
B. ₹10,000
C. ₹5,000
D. ₹20,000
Answer : B. ₹10,000

Q.15 Unit of magnetic intensity in CGS system:
A. gauss
B. candela
C. weber
D. oersted
Answer : D. oersted

Q.16 Lowest population state as per Census-2011:
A. Goa
B. Himachal Pradesh
C. Sikkim
D. Haryana
Answer : C. Sikkim

Q.17 As of 2020, country with largest proven coal reserves in the world:
A. India
B. China
C. The United States of America
D. Russia
Answer : C. The United States of America

Q.18 Bicameralism in Indian Constitution borrowed from:
A. France
B. Germany
C. South Africa
D. Britain
Answer : D. Britain

Q.19 Deficiency of which vitamin causes xerophthalmia?
A. Vitamin A
B. Vitamin K
C. Vitamin C
D. Vitamin D
Answer : A. Vitamin A

Q.20 Match Mountain Peak with Height: 1. Kamet (a. 7756 m), 2. Kangchenjunga (d. 8586 m), 3. Nanda Devi (b. 7816 m), 4. K2 (c. 8611 m)
A. 1-c, 2-d, 3-b, 4-a
B. 1-c, 2-b, 3-d, 4-a
C. 1-a, 2-d, 3-b, 4-c
D. 1-b, 2-c, 3-d, 4-a
Answer : C. 1-a, 2-d, 3-b, 4-c

Section: Computer Knowledge Module

Q.1 In Windows 10, keyboard shortcut used to display and hide the desktop:
A. Windows logo key + D
B. Windows logo key + H
C. Windows logo key + C
D. Windows logo key + G
Answer : A. Windows logo key + D

Q.2 Which of the following is NOT a part of an email address?
A. Domain
B. @ symbol
C. Username
D. Photo
Answer : D. Photo

Q.3 Shortcut to enter a new line in the same cell in MS Excel 2010:
A. Tab + Enter
B. Ctrl + Enter
C. Shift + Enter
D. Alt + Enter
Answer : D. Alt + Enter

Q.4 Net banking is also known as:
A. e-transfer
B. e-banking
C. e-commerce
D. e-process
Answer : B. e-banking

Q.5 MS-Word 2010 statements: (i) Template selected while creating new doc. (ii) Shortcut to go to end of doc is Shift + End.
A. (i) False (ii) False
B. (i) True (ii) True
C. (i) True (ii) False
D. (i) False (ii) True
Answer : C. (i) True (ii) False

Q.6 Hackers/crackers who gain unauthorized access to harm system or steal sensitive info:
A. White hat

B. Black hat
C. Red hat
D. Grey hat
Answer : B. Black hat

Q.7 Layout arrangement of different devices in a network:
A. Open systems
B. Transmission mode
C. Closed systems
D. Network topology
Answer : D. Network topology

Q.8 Sending data or a file from your computer on the internet is called:
A. Uploading
B. Deleting
C. Downloading
D. Accessing
Answer : A. Uploading

Q.9 Mini-DIN connector used to connect keyboard and mouse to PC:
A. Ethernet port
B. VGA port
C. PS/2 port
D. RS232 port
Answer : C. PS/2 port

Q.10 An EPROM retains its content until it is exposed to:
A. magnetic signals
B. electrical signals
C. radio signals
D. ultraviolet light
Answer : D. ultraviolet light

Q.11 Volatile semiconductor memory categorisation based on data retention:
A. DRAM and ROM
B. SRAM and DRAM
C. RAM and ROM
D. SRAM and ROM
Answer : B. SRAM and DRAM

Q.12 Diameter of a Blu-ray Disc:
A. 115 mm
B. 100 mm
C. 110 mm
D. 120 mm
Answer : D. 120 mm

Q.13 The _____ unit of CPU controls or directs the operations of the processor.
A. control
B. memory
C. arithmetic logic
D. data
Answer : A. control

Q.14 In Windows OS, deleted items are moved to:
A. Control Panel
B. Taskbar
C. Recycle Bin
D. Start menu
Answer : C. Recycle Bin

Q.15 Complementary language that helps style HTML markup code:

A. Java
B. SQL
C. PHP
D. CSS
Answer : D. CSS

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