Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION

SSC EXAMS

PYQs

SSC EXAMS

SSC MTS 2024

PREVIOUS YEAR QUESTIONS

Q.1 A tradesman marks his goods 30% more than the cost price. If he allows a discount of 6(1/4)%, then his gain percentage is:

1. 21(7/8)%
2. 22%
3. 22(3/4)%
4. 21%

Answer : 1. 21(7/8)%

Q.2 Study the given bar graph and answer the question that follows.
If the full marks in Maths are 150, Science are 100 and English are 140, then find the total marks obtained by Student B in Maths and Student A in English.

1. 275
2. 257
3. 247
4. 250

Answer : 3. 247

Q.3 The average weight of 20 boys in a class is 65 kg and that of remaining 35 boys is 32 kg. What is the average weight of all the boys in the class?

1. 46 kg
2. 48 kg
3. 44 kg
4. 56 kg

Answer : 3. 44 kg

Q.4 The LCM of 140, 180 and 240 is:

1. 1680
2. 5040
3. 1008
4. 5000

Answer : 2. 5040

Q.5 The average of five numbers, where the difference between any two consecutive numbers is 5, is 215. Find the least number.

1. 220
2. 225
3. 205
4. 215

Answer : 3. 205

Q.6 A policeman sees a thief at a distance of 100 m and starts chasing him at a speed of 6 m/s while the thief runs at a speed of 5 m/s. What is the distance (in m) covered by the thief when he is caught?

1. 600
2. 400
3. 300
4. 500

Answer : 4. 500

Q.7 Two stations A and B are 1800 km apart. A train starts from A towards B at 7 A.M. at a speed of 100 km/h. Another train starts from B towards A at 8 A.M. on the same day at a speed of 325 km/h. At what time will they cross each other?

1. 3 P.M.
2. 12 P.M.
3. 11 A.M.
4. 9 A.M.

Answer : 2. 12 P.M.

Q.8 A sum of money invested at simple interest becomes 5 times in 12 years. How many times will it become in 27 years?

1. 9
2. 11
3. 12
4. 10

Answer : 4. 10

Q.9 What was the percentage increase in the height of the child from the 7th birthday to the 10th birthday? (Height at 7th = 125 cm, 10th = 150 cm)

1. 25%
2. 10%
3. 20%
4. 15%

Answer : 3. 20%

Q.10 Due to a fault in the voting machine, the invalid votes are counted in votes of the candidate B, who gets 5 times the invalid votes. A gets the votes 8 times the invalid votes and wins the election by 28. What is the total number of votes polled?

1. 176
2. 168
3. 184
4. 196

Answer : 1. 176

Q.11 What sum (in ₹) will earn a simple interest of ₹ 240 in 3 years at 4% per year rate of interest?

1. 1000
2. 2000
3. 4000
4. 3000

Answer : 2. 2000

Q.12 What sum (in ₹) will earn a simple interest of ₹ 240 in 3 years at 8% per year rate of interest?

1. 500
2. 1000
3. 2000
4. 1500

Answer : 2. 1000

Q.13 The cost price of 20 articles is the same as the selling price of 15 articles. The profit percentage in the transaction is:

1. 33(1/3)%
2. 30%
3. 50%
4. 25%

Answer : 1. 33(1/3)%

Q.14 The curved surface area of a cylinder of height 42 cm is 3960 cm^2. Find its volume. ($\pi = 22/7$)

1. 19,800 cm^3
2. 29,700 cm^3
3. 27,900 cm^3
4. 1980 cm^3

Answer : 2. 29,700 cm^3

Q.15 The length and breadth of a rectangular field are in the ratio 3 : 2. If the area of the field is 3456 m^2, then the cost of fencing the field at ₹ 3.50 per metre is:

1. Rs. 840
2. Rs. 420

3. Rs. 240
4. Rs. 480

Answer : 1. Rs. 840

Q.16 If x : 6 :: 6 : y and x : y :: y : 6, then which of the options below gives the correct values of x and y in that order?

1. 6 and 12
2. 12 and 12
3. 12 and 6
4. 6 and 6

Answer : 4. 6 and 6

Q.17 Out of 8 lecturers of a college, one lecturer retires and at his place a new lecturer of age 32 years joins. As a result, the average age of lecturers is reduced by 4 years. The age of the retired lecturer is:

1. 63 years
2. 65 years
3. 62 years
4. 64 years

Answer : 4. 64 years

Q.18 In what ratio must a shopkeeper mix two types of rice worth ₹ 60/kg and ₹ 80/kg, respectively, so that the average cost of the mixture is ₹ 75/kg?

1. 2 : 3
2. 1 : 3
3. 3 : 4
4. 1 : 2

Answer : 2. 1 : 3

Q.19 By selling an article for ₹ 19, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 50%?

1. 8.91
2. 7.91
3. 6.01
4. 9.91

Answer : 3. 6.01

Q.20 A medicine capsule is shaped like a cylinder with two hemispheres attached to each of its ends. The length of the entire capsule is 15 mm, and its diameter is 6 mm. Calculate the surface area (in mm^2, rounded to the nearest integer) of the capsule.

1. 289
2. 280
3. 286
4. 283

Answer : 4. 283

Section: Reasoning Ability and Problem Solving

Q.1 BI 2 is related to EF 5 in a certain way. In the same way, KR 8 is related to NO 11. To which of the following is TI 3 related, following the same logic?

1. WF 6
2. WF 8
3. WG 6
4. WG 8

Answer : 3. WG 6

Q.2 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and 'x' and '-' are interchanged?

18 ÷ 6 + 2 - 3 x 4 = ?

1. 26
2. 23
3. 38

4. 32

Answer : 2. 23

Q.3 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ESG, GTK, IUO, KVS, ?

1. MWW
2. NWW
3. NWX
4. MWX

Answer : 1. MWW

Q.4 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

28 - 25 ÷ 5 + 9 = ?

1. 6
2. 27
3. 12
4. 30

Answer : 3. 12

Q.5 In a certain code language, 'INTO' is coded as '2684' and 'OPEN' is coded as '3567'. What is the code for 'O' in the given code language?

1. 3
2. 5
3. 6
4. 4

Answer : 3. 6

Q.6 In a certain code language, 'BALE' is coded as '2496' and 'LORD' is coded as '3759'. What is the code for 'L' in the given code language?

1. 3
2. 2
3. 5
4. 9

Answer : 4. 9

Q.7 In a certain code language, 'TIME' is coded as 61 and 'POND' is coded as 59. How will 'BLUE' be coded in the same language?

1. 72
2. 71
3. 68
4. 69

Answer : 3. 68

Q.8 Select the correct mirror image of the given figure 'EwP92' when the mirror is placed at MN.

1. 29PwE
2. 29PwE
3. 209wE
4. SewP3

Answer : 2. 29PwE (Mirrored)

Q.9 In a certain code language, 'HEAP' is coded as '7395' and 'PEAS' is coded as '9571'. What is the code for 'S' in the given code language?

1. 5
2. 9
3. 7
4. 1

Answer : 4. 1

Q.10 Statements:
A. Some guns are swords.
B. All swords are onions.
Conclusions:
I. All guns are onions.
II. Some guns are swords.
1. Only conclusion II follows.
2. Only conclusion I follows.
3. None of the conclusions follow.
4. Both the conclusions follow.
Answer : 1. Only conclusion II follows.

Q.11 Statements:
All bars are clubs.
Some bars are gyms.
Conclusions:
(I) Some clubs are gyms.
(II) Some gyms are not bars.
1. Neither conclusion I nor II follows.
2. Only conclusion I follows.
3. Both conclusions I and II follow.
4. Only conclusion II follows.
Answer : 2. Only conclusion I follows.

Q.12 18 is related to 60 following a certain logic. Following the same logic, 42 is related to 140. To which of the following is 33 related?
1. 95
2. 130
3. 80
4. 110
Answer : 4. 110

Q.13 21 is related to 73 following a certain logic. Following the same logic, 28 is related to 94. To which of the following is 35 related?
1. 105
2. 110
3. 115
4. 101
Answer : 3. 115

Q.14 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center. C is sitting to the immediate right of B. E is sitting third to the left of B. D is the immediate neighbour of E and F. A is sitting to the immediate right of C. What is the position of G with respect to B?
1. Second to the right
2. Third to the right
3. Second to the left
4. To the immediate left
Answer : 3. Second to the left

Q.15 WY 13 is related to UW 16 in a certain way. In the same way, SU 19 is related to QS 22. To which of the following is OQ 17 related?
1. NM 19
2. MN 20
3. MO 20
4. MO 19
Answer : 3. MO 20

Q16.

Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern

1.
2.
3.
4.

Q17.

Identify the figure from the given options that can replace the question mark (?) and logically complete the series

1.
2.
3.
4.

Q.18 What should come in place of the question mark (?) in the given series?
6, ?, 7, 10, 8, 11

1. 8
2. 9
3. 5
4. 12

Answer : 2. 9

Q.19 Six teachers are sitting around a circular table facing the centre. C is an immediate neighbour of both A and F. E is sitting second to the left of F. D is sitting fourth to the left of C. A is sitting second to the right of F. Which of the following statements is true?

1. B is immediate right of F.
2. F and D are immediate neighbours.
3. B is immediate left of F.
4. D is to the immediate right of E.

Answer : 3. B is immediate left of F.

Q20.

Select the figure from the given options that will replace the question mark (?) in the figure given below to complete the pattern

1.
2.
3.
4.

Section: General Awareness

Q.1 Identify the primary characteristic of the Cooperative Development Foundation (CDF) model of SHGs regarding its focus on membership.

1. It exclusively targets non-poor members.
2. It exclusively targets poor members.
3. It includes both poor and non-poor members.
4. It excludes women from membership.

Answer : 3. It includes both poor and non-poor members.

Q.2 In Jain Basti temple of Karnataka, over the garbhagriha is raised a ____ storied nirandhara vimana with a square griva and sikhara.

1. five
2. seven
3. three
4. eleven

Answer : 3. three

Q.3 The zone where the earthquake waves are not observed is called:

1. Hypocentre
2. Benthic Zone
3. Shadow Zone
4. Epicentre

Answer : 3. Shadow Zone

Q.4 Which of the following dance forms is inspired by the sculptures of the ancient temple of Chidambaram?

1. Sattriya
2. Kuchipudi
3. Manipuri
4. Bharatanatyam

Answer : 4. Bharatanatyam

Q.5 'Straight from the Heart' is an autobiography of the famous cricketer:

1. Madan Lal
2. Mohinder Amarnath
3. Kapil Dev
4. Sunil Gavaskar

Answer : 3. Kapil Dev

Q.6 Who among the following dancers won the prestigious Padma Shree award in the year 2021, for her contribution to folk dance?

1. Amubi Singh
2. Matha B Manjamma Jogathi
3. Teejan Bai
4. Kumudini Lakhia

Answer : 2. Matha B Manjamma Jogathi

Q.7 Select the INCORRECT statement from the following.

1. Evaporation is a surface phenomenon.
2. Both boiling and evaporation are bulk phenomena.
3. Evaporation causes cooling.
4. Boiling is a bulk phenomenon.

Answer : 2. Both boiling and evaporation are bulk phenomena.

Q.8 In 1974, MS Subbulakshmi became the first Indian musician to win:

1. Right Livelihood Award
2. Grammy Award
3. Pulitzer Prize Award
4. Ramon Magsaysay Award

Answer : 4. Ramon Magsaysay Award

Q.9 Which state government of India launched the 'Swanirbhar Nari' aimed at making the weavers of the state self-reliant?

1. Bihar
2. Jharkhand
3. Assam
4. Chhattisgarh

Answer : 3. Assam

Q.10 As per Census of India 2011, which of the following states has the highest percentage of urban population in India?

1. Maharashtra
2. Mizoram
3. Gujarat
4. Tamil Nadu

Answer : 2. Mizoram

Q.11 The iodine value of oil and fat indicates:

1. degree of unsaturation

2. degree of saturation
3. number of iodine atoms present
4. number of C atoms present

Answer : 1. degree of unsaturation

Q.12 The number of organisms in the population divided by a regular unit of area or volume is called:

1. population density
2. birth rate
3. death rate
4. population size

Answer : 1. population density

Q.13 In November 2023, who was re-appointed as the Chairman of the Armed Forces Tribunal?

1. Justice NV Ramana
2. Justice Sharad Arvind Bobde
3. Justice Rajendra Menon
4. Justice RF Nariman

Answer : 3. Justice Rajendra Menon

Q.14 Seleucus Nicator was a contemporary of:

1. Chanakya
2. Kalashoka
3. Ashoka
4. Kanishka

Answer : 1. Chanakya

Q.15 Neville Steven Joseph D'Souza is associated with which game?

1. Football
2. Tennis
3. Kabaddi
4. Wrestling

Answer : 1. Football

Q.16 According to the advancing of monsoon in India, which of the following cities receives rainfall after 15 June every year?

1. Hyderabad
2. Bengaluru
3. Imphal
4. Jaipur

Answer : 4. Jaipur

Q.17 Which of the following sultans of Delhi set up three different markets for different commodities in Delhi?

1. Ghiyasuddin Balban
2. Muhammad Bin Tughlaq
3. Sikandar Lodi
4. Alauddin Khalji

Answer : 4. Alauddin Khalji

Q.18 With which of the following festivals does the five-day long festival of Diwali end?

1. Dhanteras
2. Bhai Dooj
3. Govardhan Puja
4. Narak Chaturdashi

Answer : 2. Bhai Dooj

Q.19 Bhakra Dam is built on which of the following rivers?

1. Ravi
2. Beas
3. Chenab
4. Satluj

Answer : 4. Satluj

Q.20 What is the stump height of a cricket wicket as per international standards?

1. 31 inches
2. 30 inches
3. 29 inches
4. 28 inches

Answer : 4. 28 inches

Q.21 Which Chapter of Part VI of the Indian Constitution is concerned with the State Legislatures?

1. Chapter III
2. Chapter V
3. Chapter VII
4. Chapter II

Answer : 1. Chapter III

Q.22 The Permanent Settlement introduced by Cornwallis was NOT prevalent in which of the following regions of India?

1. Punjab
2. Bengal
3. Odisha
4. Bihar

Answer : 1. Punjab

Q.23 Which Article of the Constitution of India governs the Population Census?

1. Article 128
2. Article 246
3. Article 233
4. Article 179

Answer : 2. Article 246

Q.24 With which Amendment Act of the Indian Constitution was the 11th Fundamental Duty added?

1. 70th
2. 86th
3. 53rd
4. 42nd

Answer : 2. 86th

Q.25 Which of the two following countries were formed as a result of the partition of India?

1. India and Bangladesh
2. India and Nepal
3. India and Sri Lanka
4. India and Pakistan

Answer : 4. India and Pakistan

Section: English Language and Comprehension

Q.1 Select the option that can be used as one-word substitute for: 'Detailed examination of something complex'

1. Dialysis
2. Analysis
3. Synthesis
4. Symbiosis

Answer : 2. Analysis

Q.2 Identify the spelling error in the given sentence:
The restaurant offered a diverse menu with a wide renge of culinary options.

1. options
2. diverse
3. restaurant
4. renge

Answer : 4. renge

Q.3 Select the most appropriate option to fill in the blank:
The Kumbh Mela is the world's biggest peaceful gathering of pilgrims, with participants bathing or taking the dip in the ____ river.

1. shallow
2. depth
3. profane
4. sacred

Answer : 4. sacred

Q.4 Which of the following sentences contains an error in the use of a phrasal verb?

1. Clean out the backyard this weekend.
2. The old lady broke down when she heard her son lost his job.
3. Make over the bed daily. It is a good habit.
4. Try your level best before you decide to give up.

Answer : 3. Make over the bed daily. It is a good habit.

Q.5 Select the most appropriate synonym of 'Averted' to fill in the blank:
Rohit ____ looking at Sheena's face while we were talking about domestic violence.

1. confronted
2. avoided
3. fostered
4. saw

Answer : 2. avoided

Q.6 Select the most appropriate synonym of the given word: Illicit

1. Inessential
2. Integral
3. Illegal
4. Inaugural

Answer : 3. Illegal

Q.7 Select the synonym of 'enthralled': The author's writing was so captivating that readers were enthralled by every word.

1. fascinated
2. bored
3. annoyed
4. jaded

Answer : 1. fascinated

Q.8 Select the meaning of idiom: A dime a dozen

1. To be in a difficult situation
2. Very rare
3. Very common
4. To take revenge

Answer : 3. Very common

Q.9 Select the meaning of idiom: Brought to light

1. To disclose
2. To burn
3. In favour of
4. To seem likely

Answer : 1. To disclose

Q.10 Select the option that correctly rectifies the error: Along with his friend, he walked till the end of the street and came back immediately.

1. Near with his friend,
2. for came back immediately
3. end by the street
4. he walked to the

Answer : 4. he walked to the

Q.11 Select present perfect continuous form of: Rama is working on this project.
1. Rama has worked on this project for six months
2. Rama has been working on this project since six months.
3. Rama is working on this project for six months.
4. Rama has been working on this project for six months.

Answer : 4. Rama has been working on this project for six months.

Q.12 Identify grammatical error segment: He climbed of / the steep mountain trail, / his backpack heavy / with supplies for the journey.
1. his backpack heavy
2. the steep mountain trail,
3. with supplies for the journey.
4. He climbed of

Answer : 4. He climbed of

Q.13 Select INCORRECTLY spelt word: "The architekture of the building is marvellous", said the spectators.
1. Architekture
2. Spectators
3. Building
4. Marvellous

Answer : 1. Architekture

Q.14 Select the option that rectifies: She runs very quick in marathons.
1. She run very quick in marathons.
2. She runs very quickly in marathons.
3. She run much quickly in marathons.
4. She runs much quickly in marathons.

Answer : 2. She runs very quickly in marathons.

Q.15 Select appropriate idiom for 'very happy and delighted': Lisa was very excited about her promotion; she was very happy and delighted.
1. on the attack
2. on cloud nine
3. under the weather
4. on the ball

Answer : 2. on cloud nine

Q.16 Select synonym of: Odious
1. Repugnant
2. Beautiful
3. Acceptable
4. Pleasant

Answer : 1. Repugnant

Q.17 Select meaning of: Fragile
1. Juicy
2. Brittle
3. Strong
4. Florid

Answer : 2. Brittle

Q.18 Correct alternative for underlined part: The table looks proper in the centre than in the corner.
1. most proper
2. properer
3. more proper
4. properly

Answer : 3. more proper

Q.19 Fill in the blank: The charismatic leader's speeches were known for their ____ impact on motivating people to take positive actions.

1. frugal
2. profound
3. impenitence
4. doldrums

Answer : 2. profound

Q.20 Select correct spelling to fill in blank: They may vary and seem very different, but they are not ____.

1. irreconcilable
2. irrecincilable
3. ireconcilable
4. irrecosilable

Answer : 1. Irreconcilable

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.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____since the age of 16. She (2)_____around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action

Q.21 Comprehension Blank 1: Hyojeng, a twenty-five-year-old South Korean Youtuber (1) ____ since the age of 16.

1. has been travelling
2. will be travelling
3. would have travelled
4. have been travelling

Answer : 1. has been travelling

Q.22 Comprehension Blank 2: She (2) ____ around twenty-five countries so far.

1. has covered
2. will have covered
3. had been covered
4. was covered

Answer : 1. has covered

Q.23 Comprehension Blank 3: (3) ____ India was high on her wish list.

1. Moving
2. Visiting
3. Moved
4. Visit

Answer : 2. Visiting

Q.24 Comprehension Blank 4: She is currently soaking in the energy of Mumbai and planning to (4) ____ more of this beautiful city.

1. having explored
2. to be explored
3. exploring
4. explore

Answer : 4. explore

Q.25 Comprehension Blank 5: The video (5) ____ viral and the Mumbai police swung into action.

1. gone
2. went
3. go
4. going

Answer : 2. went

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