Smart, Structured & Syllabus-Aligned Content

RICE EDUCATION

SSC EXAMS

PYQs

SSC EXAMS

SSC CHSL 2021

PREVIOUS YEAR QUESTIONS

Q.1 Select the most appropriate ANTONYM of the given word.
Variance
1. Convention
2. Equal
3. Harmony
4. Intellectual

Answer : 3. Harmony

Q.2 Select the most appropriate synonym of the highlighted word.
He is inclined to stay with the present organisation.
1. struggled
2. mystified
3. motivated
4. declined

Answer : 3. motivated

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.
One should work hard than others to succeed.
1. harder than
2. hardest that
3. harder to
4. hard to

Answer : 1. harder than

Q.4 Select the option that expresses the given sentence in active voice.
Pygmalion was written by GB Shaw.
1. GB Shaw was writing Pygmalion.
2. GB Shaw was written by Pygmalion.
3. Pygmalion wrote GB Shaw.
4. GB Shaw wrote Pygmalion.

Answer : 4. GB Shaw wrote Pygmalion.

Q.5 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
There is many ways / to make / a stranger feel / welcome in the community.
1. welcome in the community
2. There is many ways
3. a stranger feel
4. to make

Answer : 2. There is many ways

Q.6 Select the INCORRECTLY spelt word.
1. Acquaint
2. Mamorial
3. Guarantee
4. Monotonous

Answer : 2. Mamorial

Q.7 Select the option that will improve the underlined part of the given sentence.
Robin has less marbles than George.
1. enough marbles
2. lower marbles
3. few marbles
4. fewer marbles

Answer : 4. fewer marbles

Q.8 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The minute you start _____ and tolerating _____ it becomes the new norm and the slide begins and therefore, we must constantly _____ to give our best and be recognised, not simply aim to do just enough to _____ that we don't get found out.

1. compelling, excellence, strike, encourage
2. compromising, mediocrity, strive, ensure
3. conjecturing, transcendence, strum, envision
4. contradicting, distinction, stink, endeavour

Answer : 2. compromising, mediocrity, strive, ensure

Q.9 Select the correct homonym from the given options to fill in the blank.
Which _____ does the minister take to reach the Assembly?

1. riot
2. rot
3. root
4. route

Answer : 4. route

Q.10 Select the sentence which has no spelling error.

1. Gupta empire posed a competetoin to the invaders in ancient India.
2. Neeta represented Global School in the state level debate competition.
3. There is a high market compettion due to the advent of online shopping.
4. The cooking compitition was judged by the head chef of Garland Hotels.

Answer : 2. Neeta represented Global School in the state level debate competition.

Q.11 Select the option that can be used as a one-word substitute for the given group of words.
One who is well-versed in the knowledge of plants

1. Florist
2. Gardener
3. Vegetarian
4. Botanist

Answer : 4. Botanist

Q.12 Select the INCORRECTLY spelt word.

1. Opportunity
2. Warrant
3. Conversation
4. Collaegue

Answer : 4. Collaegue

Q.13 Select the most appropriate meaning of the given idiom.
Win laurels

1. To gain honour
2. To be decisive
3. To change
4. To punish

Answer : 1. To gain honour

Q.14 Select the most appropriate meaning of the highlighted idiom.
The youth involved in the accident escaped by the skin of his teeth.

1. Barely managed to escape
2. Very arrogant
3. Always taking calculated decisions
4. Deficiency of funds

Answer : 1. Barely managed to escape

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
The teacher said, "the sun raises in the east every day".

1. the sun will rise in the east
2. the sun rises in the east
3. the sun rises at the east
4. No substitution required

Answer : 2. the sun rises in the east

Q.16 Select the INCORRECTLY spelt word.

1. Equine
2. Equilateral
3. Equillibrium
4. Equanimity

Answer : 3. Equillibrium

Q.17 Select the INCORRECTLY spelt word.

1. Encouregement
2. Achievement
3. Advertisement
4. Environment

Answer : 1. Encouregement

Q.18 Select the most appropriate option to fill in the blank.
Ramu went with his friends on a trip to _____ new paths.

1. determine
2. deploy
3. invent
4. explore

Answer : 4. explore

Q.19 Select the most appropriate option to substitute the underline segment in the given sentence.
I was carried by her rapturous song.

1. carried off
2. carried away
3. carried of
4. carried to

Answer : 2. carried away

Q.20 Identify the option that arranges the given parts in the correct order to form a meaningful and coherent paragraph.
a) Non-verbal communication is a means
b) This is possible by using visual clues
c) By which you are able to communicate without speaking
d) Such as facial expressions, eye-contact, postures, gestures etc.

1. a, c, b, d
2. b, d, c, a
3. d, c, a, b
4. a, b, c, d

Answer : 1. a, c, b, d

Q.21 In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
Tree plantation is the (1)_____ of transplanting saplings or seeds to maximise the amount of greenery and focus on promoting (2)_____. Planting trees can be a very rewarding and fruitful (3)_____! Not only is it (4)_____ beneficial for this planet, but it also contributes to helping create an environmentally friendly place to live, as trees help reduce pollutant (5)_____.

1. Aspect
2. Process
3. Tool
4. Mechanism

Answer : 2. Process

Q.22 Select the most appropriate option to fill in blank No.2.

1. vegetation
2. afforestation
3. land reservation
4. deforestation

Answer : 2. afforestation

Q.23 Select the most appropriate option to fill in blank No.3.

1. plan
2. Labour
3. Order
4. Endeavour

Answer : 4. Endeavour

Q.24 Select the most appropriate option to fill in blank No.4.

1. ecologically
2. physically
3. Socially
4. economically

Answer : 1. ecologically

Q.25 Select the most appropriate option to fill in blank No.5.

1. problem
2. concentration
3. method
4. calculation

Answer : 2. concentration

Section: General Intelligence

Q.1 Which of the following numbers will replace the question mark (?) in the given series?
17, 20, 60, 64, 256, 261, 1305, ?

1. 1346
2. 1361
3. 1284
4. 1311

Answer : 4. 1311

Q.2 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Beginner
2. Beheld
3. Beggar
4. Belief
5. Behind

1. 1, 3, 2, 5, 4
2. 3, 2, 1, 5, 4
3. 3, 1, 2, 5, 4
4. 1, 3, 5, 2, 4

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

Q.3 Seven friends P, Q, R, S, T, U and V, each has a different age. P is older than only U and R. R is older than U. Q is older than S but younger than T. T is not the oldest among all. The age of how many persons is between the ages of Q and R?

1. 0
2. 2
3. 3
4. 1

Answer : 2. 2

Q.4 In a certain code language, 'Read the code' is coded as '18 20 3', 'Decode the code' is coded as '4 20 3' and 'code is easy' is coded as '3 9 5'. How will 'make one code' be coded in that language?

1. 19 18 5
2. 12 13 15
3. 13 15 3
4. 1 2 5

Answer : 3. 13 15 3

Q.5 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 3. Option 3

Q.6 Select the Venn diagram that best represents the relationship between the following classes: Doctors, Fathers, Mothers

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 3. Option 3

Q.7 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.

78 * 43 * 2 * 56 * 27 * 4

1. +, +, ×, -, =
2. +, -, =, ×, +
3. ×, +, =, ×, -
4. +, -, ×, ÷, =

Answer : 4. +, -, ×, ÷, =

Q.8 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.

230 * 15 * 16 * 41 * 21

1. ×, ÷, +, -, =
2. +, +, -, ×, =
3. -, +, +, ×, =
4. ÷, +, -, =, ×

Answer : 1. ×, ÷, +, -, =

Q.9

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 3. Option 3

Q.10 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.

41 * 4 * 39 * 73 * 25 * 4 * 30

1. -, ×, +, =, +, +
2. ×, -, +, =, +, ×
3. +, +, -, =, +, ÷
4. -, +, -, =, +, -

Answer : 2. ×, -, +, =, +, ×

Q.11 The second number in the given number-pairs is obtained by performing certain mathematical operation(s) on the first number. Find that odd number-pair.

1. 4 : 48
2. 6 : 180
3. 8 : 448
4. 9 : 639

Answer : 4. 9 : 639

Q.12 Select the option that represents the letters that, when placed from left to right in the blanks, will complete the letter series.

_ P N I E X _ N I E Y P N _ E Z P _ I _

1. IEWPN
2. NIEWP
3. WPINE
4. EWPNI

Answer : 3. WPINE

Q.13 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

BROWSER : SERWBRO :: CAPTURE : URETCAP :: DESKTOP : ?

1. SEDKTOP
2. TOPKDES
3. TPOKEDS
4. TOPKSED

Answer : 2. TOPKDES

Q.14 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

93 * 65 * 3 * 56 * 14 * 40

1. +, -, ×, ÷, =
2. ×, +, -, ÷, =
3. +, -, ÷, ×, =
4. +, ÷, -, ×, =

Answer : 1. +, -, ×, ÷, =

Q.15 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Find that odd number pair.

1. 6 : 30
2. 2 : 15
3. 3 : 20
4. 5 : 30

Answer : 1. 6 : 30

Q.16 If I denotes '÷', J denotes '×', K denotes '-' and L denotes '+', then what will come in place of '?' in the following equation?

42 L 18 K (7 J 4) L (21 I 3) J 9 L 22 = ?

1. 117
2. 120
3. 114
4. 127

Answer : 1. 117

Q.17 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

_ a _ _ W a L W _ L _ W a L _ a _ a W _ L

1. W L a a L W L a
2. W L a a a W L a
3. W L a a a W L W
4. L L a a a W L a

Answer : 2. W L a a a W L a

Q.18 A paper is folded and cut as shown. How will it appear when unfolded?

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 4. Option 4

Q.19 Select the correct mirror image of the given combination when the mirror is placed at XY as shown.

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 3. Option 3

Q.20 How many squares are there in the given figure?

1. 20
2. 18
3. 12
4. 24

Answer : 2. 18

Q.21 A paper is folded and cut as shown below. How will it appear when unfolded?

1. Option 1
2. Option 2
3. Option 3
4. Option 4

Answer : 3. Option 3

Q.22 Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.

14 : 21 :: 6 : 9 :: 12 : ?

1. 24
2. 35
3. 18
4. 20

Answer : 3. 18

Q.23 If 20 July 2021 was Tuesday, then what was the day of the week on 28 November 2021?

1. Sunday
2. Tuesday
3. Monday
4. Saturday

Answer : 1. Sunday

Q.24 In a certain code language, 'RACE' is written as 'AREC', and 'PEAK' is written as 'EPKA'. How will 'CORE' be written in that language?

1. OERC
2. ECRE
3. EORC
4. OGER

Answer : 4. OGER

Q.25 If 'A' denotes '+', 'B' denotes '×', 'C' denotes '-' and 'D' denotes '÷', then what will come in place of '?' in the following equation?
71 A 3 B 2 C 6 B (65 D 13) C 7 B 4 = ?
1. 18
2. 19
3. 44
4. 14

Answer : 2. 19

Section: Quantitative Aptitude

Q.1 The difference between a number and the square root of the number is 2. The number is:
1. 1
2. 2
3. 3
4. 4

Answer : 4. 4

Q.2 If $a^2 - 4a + 1 = 0$, then the value of $(a^2 + a + 1/a + 1/a^2)$ is:
1. 10
2. 1
3. 18
4. 16

Answer : 3. 18

Q.3 If $(x - 1/x) = 7/3$, what is the value of $(x^3 - 1/x^3)$?
1. 19 20/27
2. 19 19/27
3. 19 7/9
4. 19 2/3

Answer : 2. 19 19/27

Q.4 If the average marks of three batches of 30, 50 and 70 students is 55, 70 and 70 respectively, then the average marks of all the students is:
1. 67
2. 66.50
3. 69
4. 68.75

Answer : 1. 67

Q.5 Which of the following options is divisible by 11?
1. 28171
2. 27667
3. 29817
4. 28196

Answer : 1. 28171

Q.6 Compute the compound interest on ₹ 8,400 for one and half years at 12% rate of interest per annum, compounded half yearly.
1. ₹ 3,276.40
2. ₹ 2,948.60
3. ₹ 3,401.30
4. ₹ 1,604.50

Answer : 1. ₹ 3,276.40

Q.7 Triangles ABC and PQR are similar to each other. If m(BC) = 5 cm, m(QR) = 12.5 cm, and m(PQ) = 6.25 cm, find m(AB).
1. 6 cm
2. 2.5 cm
3. 6.25 cm
4. 10 cm

Answer : 2. 2.5 cm

Q.8 If x : y = 1 : 2, find the value of (2x + 4y) : (x + 4y).

1. 10 : 9
2. 8 : 7
3. 5 : 4
4. 9 : 8

Answer : 1. 10 : 9

Q.9 The speed of a train is 108 km/h. The distance covered by the train in 11 seconds will be:

1. 620 m
2. 540 m
3. 440 m
4. 330 m

Answer : 4. 330 m

Q.10 The base of a 12 m-high wooden solid cone has a circumference of 44 m. Find its volume. (use $\pi = 22/7$)

1. 616 cm^3
2. 535 cm^3
3. 702 cm^3
4. 456 cm^3

Answer : 1. 616 cm^3

Q.11 A man takes 16 days to complete a project. A woman does the same work in 12 days. They started the work together on alternate days and the man worked on the first day. How much time will they take to complete the work?

1. 58/4 days
2. 55/4 days
3. 53/4 days
4. 51/4 days

Answer : 2. 55/4 days

Q.12 Find the area of the triangle whose sides are 5 cm, 12 cm and 13 cm.

1. 30 cm^2
2. 33 cm^2
3. 15 cm^2
4. 25 cm^2

Answer : 1. 30 cm^2

Q.13 The value of tan 48° . tan 23° . tan 42° . tan 67° is:

1. 0
2. 1
3. 1/2
4. √3

Answer : 2. 1

Q.14 Study the given pie-chart and answer the question that follows. The pie-chart shows the data for A, B, O, AB blood groups of 240 donors.

The ratio of the donors of blood group 'O' to the average of the donors of groups 'A' and 'AB' is:

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

Answer : 2. 1 : 1

Q.15 35% of the students in Coaching centre R are female. 20% of the female students enrolled with centre R are from school M. What is the number of male students from school M who have enrolled with Coaching centre R?

1. 78
2. 90
3. 80
4. 81

Answer : 4. 81

Q.16 Rohan scored 70 and 75 marks in the first two tests. How many marks should he score in the third test to get an average of 70 marks?

1. 68
2. 70
3. 72.5
4. 65

Answer : 4. 65

Q.17 Harsh purchased a scooter for ₹48,000. He sold it at a loss of 15%. With that money he purchased another scooter and sold it at a profit of 22.5%. What is his overall loss/profit percentage?

1. Profit 4.125%
2. Profit 2.25%
3. Loss 4.125%
4. Loss 2.25%

Answer : 1. Profit 4.125%

Q.18 The marked price of a toy was ₹4,875. Successive discounts of 28% and 30% were offered on it during a clearance sale. What was the selling price of the toy?

1. ₹2,457
2. ₹2,047.50
3. ₹2,057.50
4. ₹2,467

Answer : 1. ₹2,457

Q.19 Find the sum of money which when increased by 15% becomes ₹19,320.

1. ₹16,800
2. ₹16,000
3. ₹17,000
4. ₹17,800

Answer : 1. ₹16,800

Q.20 After successive discounts of 25% and 10% a shirt was sold for ₹480. What was the original price of the shirt (Nearest to a ₹)?

1. ₹723
2. ₹720
3. ₹711
4. ₹708

Answer : 3. ₹711

Q.21 The mean of three numbers a, b and c is the same as the mean of the numbers b, c and x. The value of 3x is (where a, b, c are positive numbers):

1. b + c
2. a + 2b + 2c
3. a
4. a + 3b + 3c

Answer : 3. a

Q.22 In a class, the ratio of the number of boys to that of the girls is 11 : 9. 30% of the boys and 20% of the girls passed an exam. Find the percentage of students who passed the exam.

1. 23.92%
2. 20%
3. 24.5%
4. 25.5%

Answer : 4. 25.5%

Q.23 If the ratio of the volumes of two cones is 11 : 16 and the ratio of the radii of their bases is 3 : 4, then the ratio of their heights will be:

1. 11 : 9
2. 4 : 11
3. 3 : 16
4. 9 : 11

Answer : 1. 11 : 9

Q.24 The number 2143251 is divisible by:

1. 13
2. 17
3. 3
4. 7

Answer : 3. 3

Q.25 In a school, a survey is taken on sports loving children .What is the difference between the number of boys and the number of girls in the school?

1. 66
2. 250
3. 125
4. 84

Answer : 2. 250

Section: General Awareness

Q.1 Guru Padmaja Reddy was awarded the Padma Shri in 2022 for her contributions to which of the following dance forms?

1. Odissi
2. Kathak
3. Bharatanatyam
4. Kuchipudi

Answer : 4. Kuchipudi

Q.2 's 'The Year of the Runaways' follows the lives of three migrant workers who flee India to look for work in England.

1. Neel Mukherjee
2. Sunjeev Sahota
3. Shashi Tharoor
4. Khushwant Singh

Answer : 2. Sunjeev Sahota

Q.3 Who among the following was popularly known as 'Gurudev' for his expertise in binding together elements of Indian classical music and folk pieces to suit the western tunes entailed with precision along with his expertise in other art domains?

1. Rabindranath Tagore
2. Abanindranath Tagore
3. Hemanta Mukherjee
4. Bankim Chandra Chattopadhyay

Answer : 1. Rabindranath Tagore

Q.4 As of December 2021, how many sports infrastructure projects of various categories have been sanctioned in the North Eastern Region under the 'Khelo India' scheme?

1. 45
2. 57
3. 62
4. 69

Answer : 3. 62

Q.5 Which state has the highest length (in km) of national highways as per the data of 2017?

1. Uttar Pradesh

2. Madhya Pradesh
3. Karnataka
4. Maharashtra

Answer : 4. Maharashtra

Q.6 Identify the INCORRECT pair with respect to the substances and their specific heat capacity (J $kg^{-1}K^{-1}$) at room temperature and atmospheric pressure.

1. Aluminium - 900.0
2. Water - 1200
3. Carbon - 506.5
4. Tungsten - 134.4

Answer : 2. Water - 1200

Q.7 _____ demand for money arises mainly due to the uncertainty of future receipts and expenses.

1. Transactions
2. Generic
3. Speculative
4. Precautionary

Answer : 4. Precautionary

Q.8 'In The Afternoon of Time: An Autobiography' was written by which of the following Indian poets of the 20th century?

1. Harivansh Rai Bachchan
2. Kuvempu
3. Rahat Indori
4. Sahir Ludhiyanvi

Answer : 1. Harivansh Rai Bachchan

Q.9 The Asian Games 2022 will be organised in which of the following countries?

1. Qatar
2. China
3. Japan
4. South Korea

Answer : 2. China

Q.10 What was the theme for the International Day for Older persons 2021?

1. Senior Citizens in Virtual Reality
2. Intergenerational Learning
3. Closing the Generation Gap, Virtually
4. Digital Equity for all Ages

Answer : 4. Digital Equity for all Ages

Q.11 The Eld's deer subspecies, which is classified as endangered in the IUCN Red List, is found only in the:

1. Hemis National Park in Ladakh
2. Ranthambore National Park in Rajasthan
3. Keibul Lamjao National Park in Manipur
4. Pench National Park in Madhya Pradesh

Answer : 3. Keibul Lamjao National Park in Manipur

Q.12 Which of the following is a group of primitive vertebrates having a large jawless sucking mouth, no limbs or paired fins and a completely cartilaginous skeleton with a persistent notochord?

1. Cyclostomata
2. Aschelminthes
3. Hemichordata
4. Arthropoda

Answer : 1. Cyclostomata

Q.13 The South Indian film dance choreographer, K Shivashankar, won which of the following prestigious awards in 2010 for the best choreography in the Telugu film Magadheera?

1. National Film Award
2. Filmfare Award
3. International Film Academy Award
4. Guild Award

Answer : 1. National Film Award

Q.14 Mohanan Chandrasekaran, an awardee of Madras Music Academy's Sangeetha Kalanidhi, is a _____ player of Carnatic classical music.

1. Flute
2. Violin
3. Mridangam
4. Ghatam

Answer : 2. Violin

Q.15 Who among the following dancers is the first transwoman to receive a Padma Shri Award for her contribution to Indian Classical dance?

1. Narthaki Nataraj
2. Yamini Natrajan
3. Savitri Devi
4. Padma Valli

Answer : 1. Narthaki Nataraj

Q.16 How many members of the Legislative Council are there in the state of Karnataka?

1. 68
2. 78
3. 75
4. 100

Answer : 3. 75

Q.17 The particles of which metal on heating to the boiling point of 357°C go from liquid state to gas state?

1. Mercury
2. Copper
3. Bronze
4. Gallium

Answer : 1. Mercury

Q.18 Sonal Mansingh is a prominent Indian classical dancer who specialises in:

1. Bharatanatyam and Kuchipudi
2. Bharatanatyam and Odissi
3. Bharatanatyam and Kathak
4. Manipuri and Odissi

Answer : 2. Bharatanatyam and Odissi

Q.19 Who is the author of the famous Marathi novel 'Mrityunjay'?

1. Bhalchandra Nemade
2. Shivaji Sawant
3. Ranjit Desai
4. Vishnu Khandekar

Answer : 2. Shivaji Sawant

Q.20 Ustad Zakir Hussain, Ustad Allah Rakha, Ustad Sabir Khan, Pt. Kishan Maharaj are known for which of the following instruments?

1. Mandolin
2. Surbahar
3. Mohan Veena
4. Tabla

Answer : 4. Tabla

Q.21 Who is NOT an awardee of the Major Dhyan Chand Khel Ratna Award 2021?

1. Manpreet Singh

2. Sumit Antil
3. Krishna Nagar
4. Mandeep Singh

Answer : 4. Mandeep Singh

Q.22 Ustad Amir Khan belonged to which of the following Gharanas?

1. Gwalior
2. Indore
3. Maihar
4. Bhopal

Answer : 2. Indore

Q.23 Lake Baikal, the world's largest freshwater lake (by volume) and the world's deepest lake with a depth of 1620 m (5315 ft), is located in which country?

1. Russia
2. Tanzania
3. Canada
4. Uganda

Answer : 1. Russia

Q.24 What do you call the water holding compounds produced in large quantities by marine brown and red algae?

1. Lipids
2. Carbohydrates
3. Hydrocolloids
4. Gelatin

Answer : 3. Hydrocolloids

Q.25 Which of the following countries will host the FIFA World Cup in 2026?

1. India and Sri Lanka
2. The USA, Canada, Mexico
3. South Africa
4. Brazil

Answer : 2. The USA, Canada, Mexico

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