SSC MTS Previous Year Paper (Held on: 20 Oct 2021 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2021 • 100 questions • 90 minutes • Answer key

Take this paper as a timed mock test

Practise under exam conditions, then review your answers after you submit.

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Scan the QR code or click the link to open it.

GENERAL ENGLISH

Q1. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

It is important to be aware of what we eat as food choices play an important role and affect their lifespan.

(a) No substitution required
(b) affect your
(c) affect her
(d) affect our

Q2. Select the most appropriate meaning of the given idiom.

Get something off one's chest

(a) To defeat someone in a physical fight
(b) To stop oneself from confiding in a friend
(c) To escape from a dangerous situation
(d) Talk about something that is worrying you

Q3. Select the word which means the same as the group of words given.

A person who examines, diagnoses and treats eyes

(a) Chronobiologist
(b) Optician
(c) Ophthalmologist
(d) Econometrist

Q4. Select the most appropriate word to fill in the blank.

Chandigarh is a model city with sectors that are _____ with spaces for living, working and leisure.

(a) self-righteous
(b) inferior
(c) dependent
(d) self-sufficient

Q5. Select the word which means the same as the group of words given.

A person who is forgetful and unable to concentrate or think clearly

(a) Intelligent
(b) Systematic
(c) Logical
(d) Scatterbrain

Q6. Select the most appropriate meaning of the given idiom.

Whet your appetite

(a) To go on a diet
(b) To feel lonely and isolated

(c) To find the food tasteless
(d) To want something more

Q7. Identify the segment in the sentence which contains a grammatical error.

Schools was brought to an abrupt standstill when the lockdown was imposed.

(a) was imposed
(b) when the lockdown
(c) to an abrupt stand still
(d) Schools was brought

Q8. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

From all her birthday presents, Vanya liked the alphabetical mat the most.

(a) Amongst
(b) No substitution required
(c) Except
(d) Between

Q9. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

As been rich, he can afford this expensive treatment.

(a) By been richer
(b) No substitution required
(c) As he be rich
(d) Being rich

Q10. Select the most appropriate word to fill in the blank.

Some of Guru Dutt's _____ classics are being screened on MUBI these days.

(a) catchy
(b) unforgettable
(c) eventful
(d) dependable

Q11. Select the INCORRECTLY spelt word.

(a) Continent
(b) Stagnent
(c) Imminent
(d) Exponent

Q12. Identify the segment in the sentence which contains a grammatical error.

Parents must monitor what them children access on the internet as they are easily influenced.

(a) what them children
(b) Parents must monitor
(c) as they are easily influenced
(d) access on the internet

Q13. Select the INCORRECTLY spelt word.

(a) Abdicate
(b) Rampant
(c) Ocupant
(d) Academic

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Q14. Select the most appropriate word to fill in the blank.

Once the interview was over I _____ felt light and free.

(a) minutely
(b) leisurely
(c) hastily
(d) suddenly

Q15. Select the most appropriate ANTONYM of the given word.

UNFEELING

(a) Modest
(b) Affectionate
(c) Cruel
(d) Aloof

Q16. Select the most appropriate synonym of the given word.

MAGNANIMOUS

(a) Charitable
(b) Unstable
(c) Suspicious
(d) Malicious

Q17. Select the most appropriate word to fill in the blank.

I totally disagree with his _____ proposal as he has not weighed the pros and cons.

(a) realistic
(b) ridiculous
(c) rational
(d) conceivable

Q18. Select the most appropriate ANTONYM of the given word.

INITIATE

(a) Launch
(b) Conclude
(c) Begin
(d) Inspire

Q19. Select the most appropriate synonym of the given word.

MIMIC

(a) Fail
(b) Attempt
(c) Prevent
(d) Copy

Q20. Identify the segment in the sentence which contains a grammatical error.

Jagdeep, the Bollywood comedian, began his film career at eight as a live childlike actor in the 1950's.

(a) Jagdeep, the Bollywood comedian
(b) in the 1950's
(c) began his film career at eight
(d) as a live childlike actor

Directions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

I studied at the J.J. School of Art in Mumbai, India's premier institute (1)____ art and design. After two years I (2)__ New York City to further my studies. I soon (3)__ myself in a totally different culture which I embraced the (4)__ willingly. Interestingly, it was

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in New York that I began (5)____ different cuisines.

Q21. Select the most appropriate option to fill in blank no. 1.

(a) with
(b) of
(c) at
(d) about

Q22. Select the most appropriate option to fill in blank no. 2.

(a) move up
(b) moved down
(c) moved to
(d) moved about

Q23. Select the most appropriate option to fill in blank no. 3.

(a) finding
(b) observing
(c) found
(d) discover

Q24. Select the most appropriate option to fill in blank no. 4.

(a) many
(b) more
(c) most
(d) much

Q25. Select the most appropriate option to fill in blank no. 5.

(a) measuring on
(b) rehearsing for
(c) exercising upon
(d) experimenting with

GENERAL INTELLIGENCE & REASONING

Q26. Select the set of numbers from the given options which is NOT similar to the given set.

(15, 112, 13)

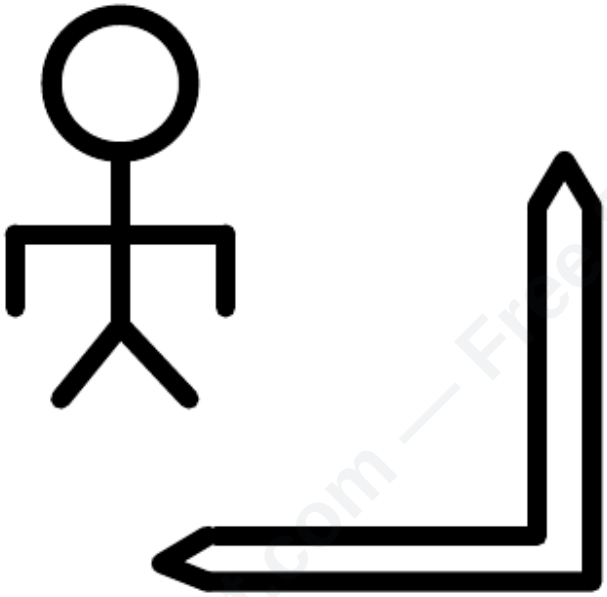
(a) (12, 72, 6)
(b) (13, 96, 11)
(c) (17, 102, 9)
(d) (11, 76, 8)

Q27. There are seven row houses, M, N, O, P, Q, R and S, in a campus, but not necessarily in the same sequence. P is not at any of the ends. R is to the immediate right of P. S is third from the left. O is at the left end. M is second from the right. O is not beside N. Where is P located?

(a) At the right end
(b) Third from the left
(c) Beside S
(d) Second from the left

Q28. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

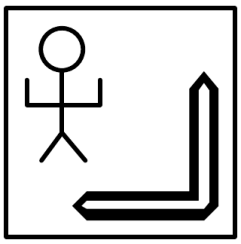
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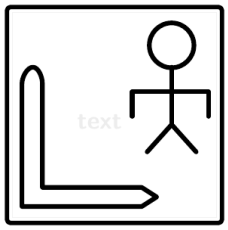
(a)



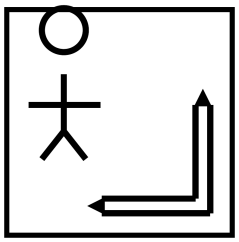
(b)



(c)



(d)



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Q29. Three statements are given, followed by three conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All girls are dancers.
2. Some dancers are boys.
3. No boy is a player.

Conclusions:

I. Some dancers are girls.

II. Some players are boys.

III. Some dancers are players.

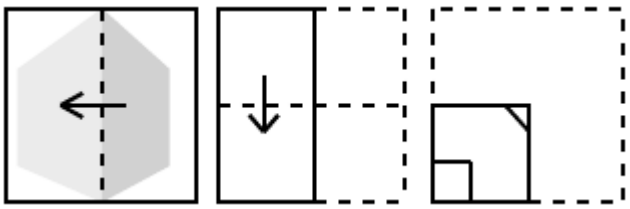
(a) Both conclusions I and II follow.
(b) Both conclusions II and III follow.
(c) Only conclusion I follows.
(d) Only conclusion III follows.

Q30. Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

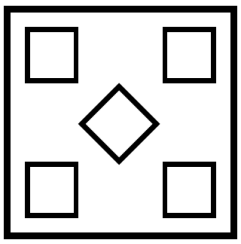
P_ _N_OM_ _ _MNP

(a) OMPNPO
(b) MONPNP
(c) OPMNPO
(d) NPOMPO

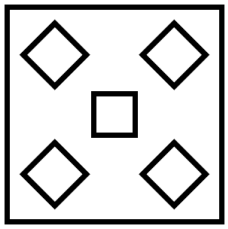
Q31. A paper is folded at the dotted lines as shown in the first two figures, and cut as shown in the third figure. How will it appear when unfolded?



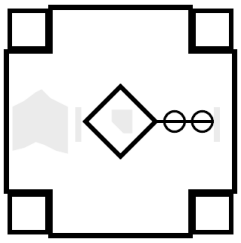
(a)



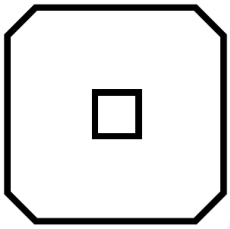
(b)



(c)



(d)



Q32. Six students, A, B, C, D, E and F, are standing facing north, but not necessarily in the same sequence. A is at one corner and F is beside him. B is to the immediate right of E. B is at the second place from the right end. C is not beside F. Who is standing at the left end?

(a) C
(b) A
(c) E
(d) F

Q33. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

3 * 6 * 2 * 8 * 4 * 5 * 36

(a) –, ×, +, ÷, ×, =
(b) ×, ÷, +, ×, –, =
(c) ÷, ×, +, ×, –, =
(d) +, ×, –, ×, ÷, =

Q34. In a certain code language, '137' means 'Mary went Jammu', '274' means 'I like Mary', and '893' means 'you went Goa'. Which of the options is the code for 'Jammu'?

(a) 1
(b) 2
(c) 8
(d) 9

Q35. Select the number that can replace the question mark (?) in the given number series.

5, 9, 16, 29, ?, 103

(a) 92
(b) 86
(c) 78
(d) 54

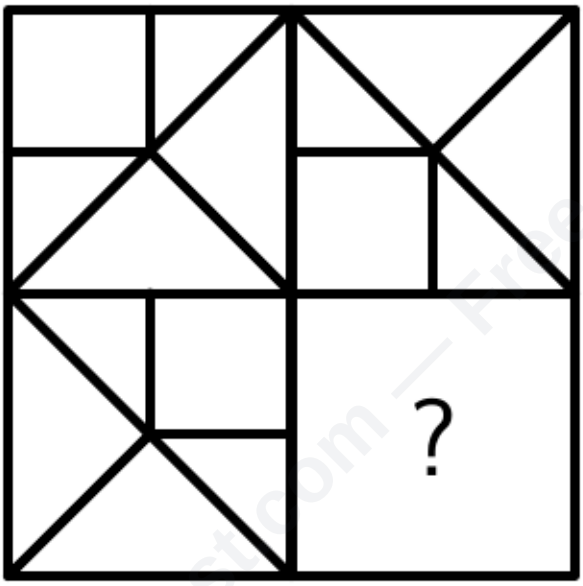
Q36. Which two signs should be interchanged to make the given equation correct?

7 ÷ 2 × 5 − 4 + 2 = 15

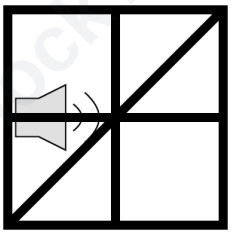
(a) • and −
(b) ÷ and +
(c) − and ÷
(d) × and ÷

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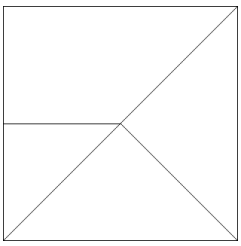
Q37. Complete the missing portion of the given pattern by selecting from the given options.



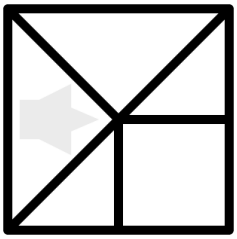
(a)



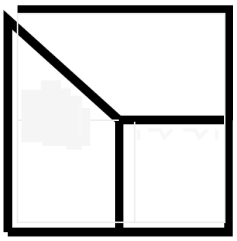
(b)



(c)

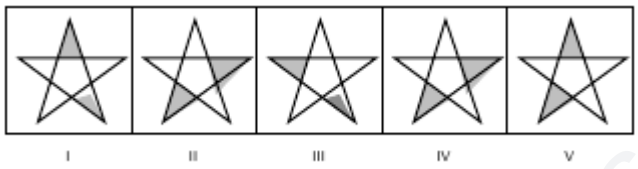


(d)



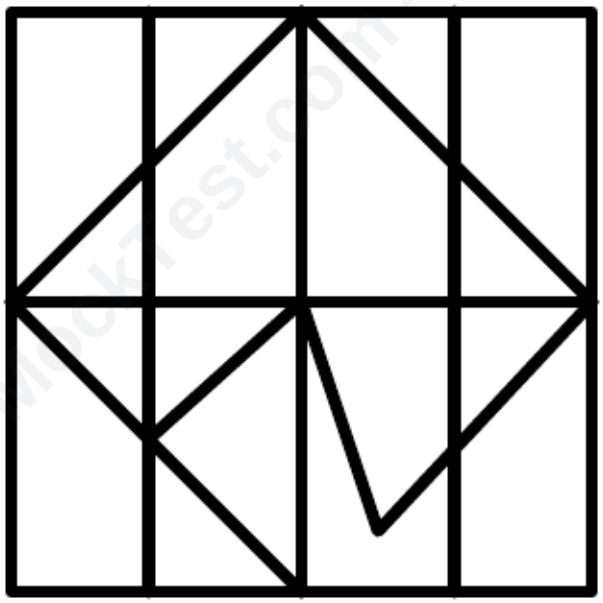
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Q38. Find which figure is to be removed so that all, starting from I, fit into a pattern.

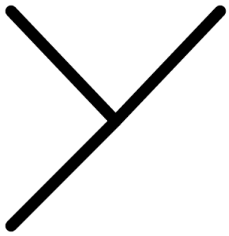


(a) II
(b) III
(c) IV
(d) V

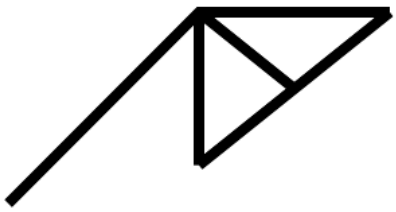
Q39. Select the option figure which is NOT embedded in the given figure (rotation is NOT allowed).



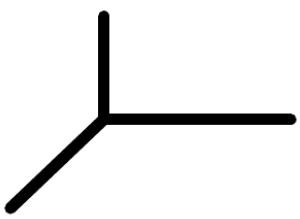
(a)



(b)



(c)



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(d)



Q40. Select the option that is related to the third term in the same way as the second term is related to the first term.

Cricket : Eleven :: Volleyball : ?

(a) Eight
(b) Six
(c) Nine
(d) Seven

Q41. Arrange the following in a logical and meaningful order.

I. Superintendent of Police
II. Station House Officer
III. Inspector General
IV. Deputy Superintendent of Police

(a) II, III, I, IV
(b) II, IV, I, III
(c) IV, III, II, I
(d) III, IV, II, I

Q42. Select the option that is related to the third term in the same way as the second term is related to the first term.

Decibel : Sound :: Ampere : ?

(a) Temperature
(b) Volume
(c) Pressure
(d) Electric current

Q43. If in a code language, 'ROSE' is written as ‘ILHV’, then how will 'HAND' be written in the same code language?

(a) QXWC
(b) SZMW
(c) XQCW
(d) SZWM

Q44. Select the number that can replace the question mark (?) in the given number series.

24, 60, 120, 210, 336, ?

(a) 390
(b) 428
(c) 490
(d) 504

Q45. Three statements are given, followed by two conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some Indians are doctors.
2. All males are Indians.
3. All engineers are males.

Conclusions:

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I. Some males are doctors.

II. All engineers are Indians.

(a) Both conclusions I and II follow.
(b) Only conclusion II follows.
(c) Neither conclusion I nor II follows.
(d) Only conclusion I follows.

Q46. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

STRAW : HGIZD :: NORTH : ?

(a) CBISL
(b) CBISD
(c) MLIGS
(d) MLGSI

Q47. If in a code language, 'SOLO' is written as 'TMOK', then how will 'ROSE' be written in the same code language?

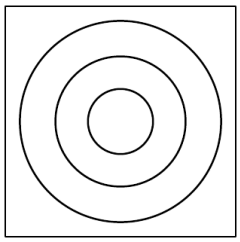
(a) SKTA
(b) SMVA
(c) SMTF
(d) SKTF

Q48. In a certain code language, '137' means 'who are you', '274' means 'we are girls', and '893' means 'you have toys'. Which of the options may be the code for 'girls'?

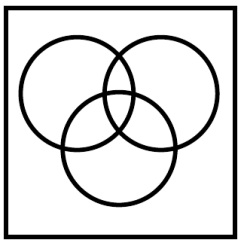
(a) 3
(b) 4
(c) 8
(d) 7

Q49. Which of the following diagrams indicates the best relationship among women, mothers and dancers?

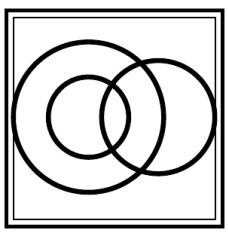
(a)



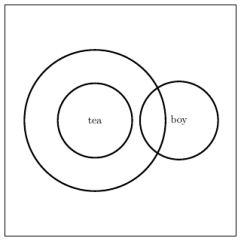
(b)



(c)



(d)



Q50. Select the option in which the number-pair shares the same relationship as that shared by the given number-pair.

115 : 163

(a) 48 : 78
(b) 43 : 75
(c) 163 : 99
(d) 75 : 110

NUMERICAL APTITUDE

Q51. Rs. 21,000 is divided among A, B and C in such a way that the shares of A and B are in the ratio 2 : 3, and those of B and C are in the ratio 4 : 5. The share of B is:

(a) Rs. 7,200
(b) Rs. 12,000
(c) Rs. 10,500
(d) Rs. 7,000

Q52. A town with literacy rate of 85% has a population of 2500. If male population is 55%, and 92% of them are literate, then find the literacy rate of females in the town.

(a) 72 5/9 % %
(b) 76 4/9 %
(c) 75%
(d) 82%

Q53. What will be the compound interest on a sum of Rs. 15,000 at the interest rate of 8% per annum in one year, interest compounded semi-annually?

(a) Rs. 6,224
(b) Rs. 1,200
(c) Rs. 1,224
(d) Rs. 16,224

Q54. During a festival season, an electric gadget marked at Rs. 5,000 is offered on sale at Rs. 4,250 after giving a certain discount. If discount percentage is reduced by 5%, at what price the electric gadget will be available to customers?

(a) Rs. 5,000
(b) Rs. 4,750
(c) Rs. 4,000
(d) Rs. 4,500

Q55. A and B started a business by investing Rs. 70,000 each. After 10 months A invests an additional amount of Rs. 40,000. After 2 more months B withdraws Rs. 20,000. After 2 more months a third person C joins the business and invests Rs. 40,000. If at the end of 2 years, C gets Rs. 7,500 as his share of profit, then what is A's share in the profit?

(a) Rs. 27,000
(b) Rs. 25,500
(c) Rs. 20,625
(d) Rs. 42,000

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Q56. Amar drives his car for 2 hours at a speed of 70 km/h, for 3 hours at a speed of 80 km/h and for 1 hour at a speed of 40 km/h and reaches his hometown. What is his average speed (in km/h)?

(a) 64
(b) 66
(c) 70
(d) 60

Q57. A shopkeeper purchased 10 chairs at the rate of Rs. 1,450 per chair and spent Rs. 600 as cartage. For how much should he sell each chair to earn 10% profit?

(a) Rs. 1,645
(b) Rs. 1,595
(c) Rs. 2,225
(d) Rs. 1,661

Q58. Two numbers are in the ratio 4 : 5. If 2 is subtracted from the first number and 2 is added to the second number, then their ratio 2 : 3. The difference between the two numbers is:

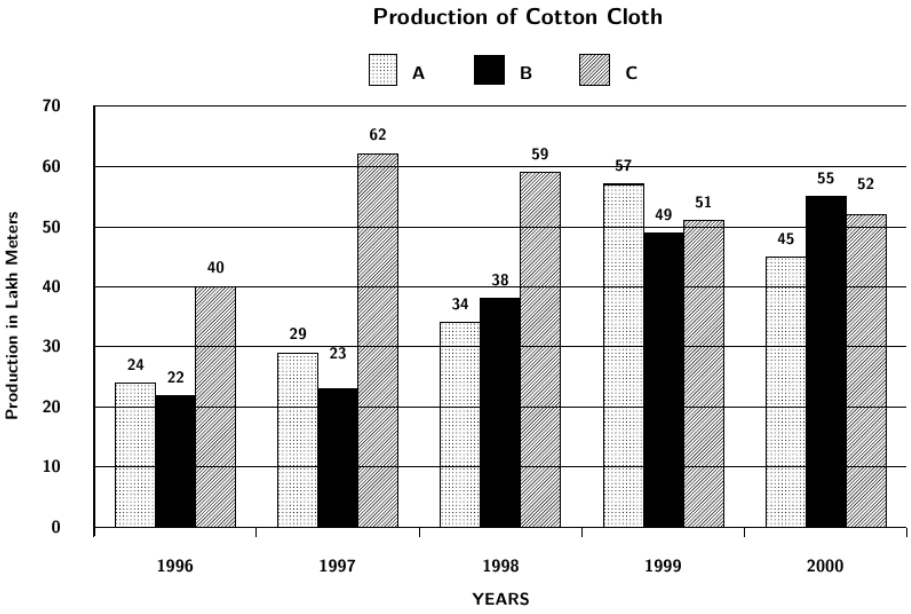
(a) 1
(b) 9
(c) 5
(d) 2

Q59. A car covers a certain distance moving at a constant speed of 50 km/h in 3 hours. How much more time would it have taken to cover the same distance if the speed had been only 40 km/h?

(a) 45 minutes
(b) 1 hour
(c) 30 minutes
(d) 10 minutes

Q60. The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over the years 1996 - 2000.

The production of company A during 1996-98 is what percentage of the average production of companies B and C during 1998-2000 (correct to two decimal places)?

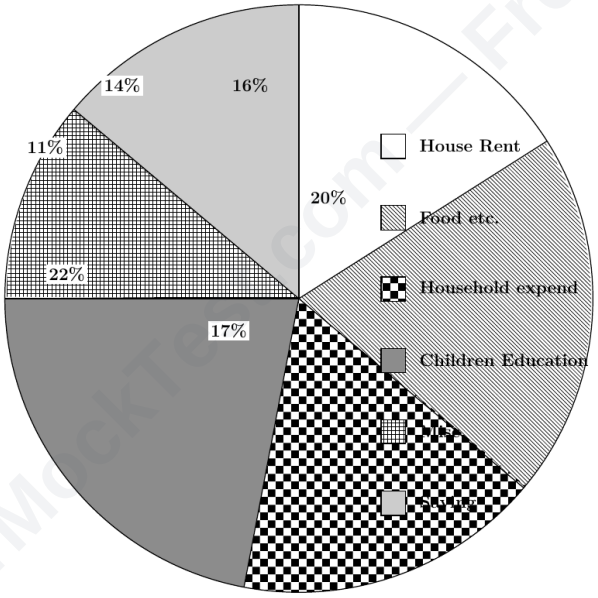


(a) 89.47%
(b) 74.36%
(c) 57.24%
(d) 56.86%

Q61. A shopkeeper sells 6 cardigans for Rs. 3,000 with 20% profit and 10 trousers for Rs. 6,380 with 16% profit. What is the total profit per cent?

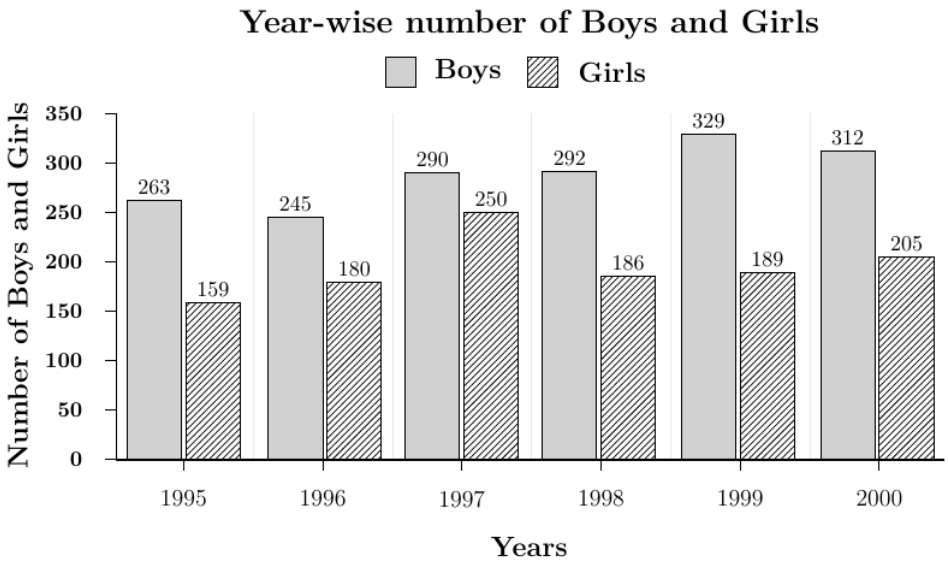
(a) 18%
(b) 11.38%
(c) 17.25%
(d) 8%

Q62. The Gupta family spends their monthly income on different heads as shown in the following pie chart. What is the central angle corresponding to the sector representing expenditure on Food etc.?



(a) 80°
(b) 18°
(c) 72°
(d) 60°

Q63. The record of the enrollment of boys and girls in a school over 6 years has been presented in the following bar graph.



In which year was the total enrollment the highest?

(a) 1997
(b) 1998
(c) 1999

(d) 2000

Q64. 6 men can complete a work in 64 days. 24 women can complete the same work in 32 days. 16 men and 24 women together worked for 12 days, after which 8 men and 8 women were dropped. In how many days the work will be completed?

(a) 3
(b) 15
(c) 18
(d) 6

Q65. The value of $0.04 \div 0.002 + 0.5 \times 0.002 \div 0.0004$ is :

(a) 22.5
(b) 22
(c) 20
(d) 21.5

Q66. Eight metallic spheres of radius 1 cm are melted to form one sphere. The radius of the resulting sphere is:

(a) 3 cm
(b) 8 cm
(c) 2 cm
(d) 6 cm

Q67. Three cubes each having volume 1728 $cm^3$are placed one above the other. What is the total surface area of the resulting solid?

(a) 2016 cm^2
(b) 2592 cm^2
(c) 2304 cm^2
(d) 2160 cm^2

Q68. Two numbers differ by 20. If their LCM is 240 and HCF is 20, then the greater number is :

(a) 70
(b) 80
(c) 60
(d) 120

Q69. A certain sum doubles itself on simple interest in 10 years. At the same rate of interest in how many years it will become 3 times of itself?

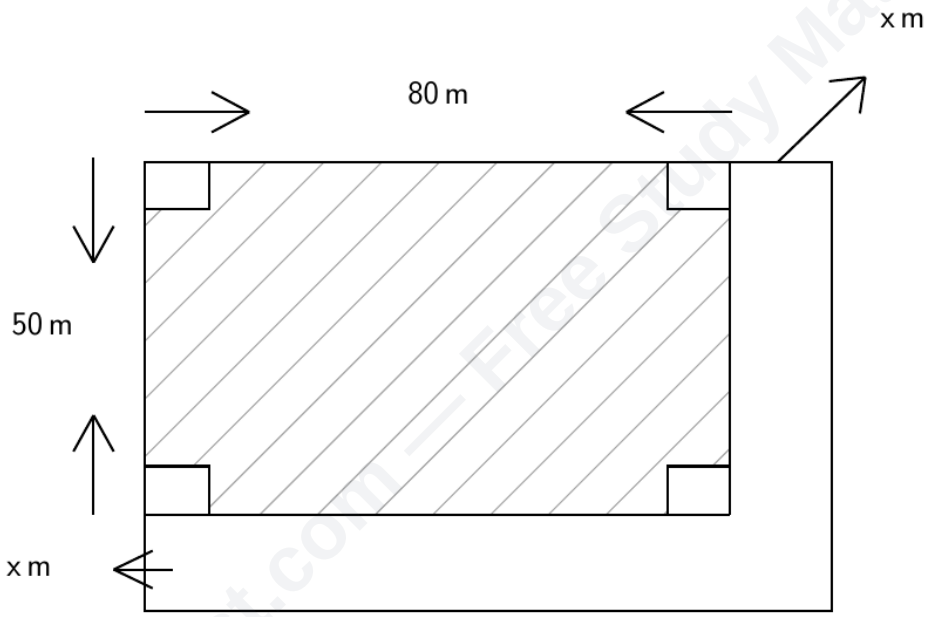
(a) 15
(b) 16
(c) 12
(d) 20

Q70. Five men working together can complete a work in 8 days. Om Prakash who can complete the same work independently in 24 days joined them after 4 days. Under the circumstances in how many days the work will be completed?

(a) 5
(b) 4
(c) 7
(d) 3

Q71. In the given figure, the area of the unshaded region is 35% of the area of the shaded region. What is the value of x?

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(a) 5
(b) 15
(c) 10
(d) 20

Q72. The average monthly pocket money of 24 girls in a class is Rs. 275, whereas for 16 boys of the class it is Rs. 325. What is the average monthly pocket money of the whole class?

(a) Rs. 310
(b) Rs. 300
(c) Rs. 295
(d) Rs. 290

Q73. In a 200 m walk race, Zakia walks at an average speed of 5 km/h. She gives a start of 20 m to Veena and still beats her by 18 seconds. What is the average speed of Veena (in km/h)?

(a) 3.5
(b) 4
(c) 4.5
(d) 4.2

Q74. If mode of the following data is 14, then what is the value of k?

11, k, 8, 9, (k - 1), 11, 12, 12, 15, (k - 1), 14

(a) 15
(b) 12
(c) 11
(d) 13

Q75. Simplify the following expression.

(135 ÷ 1/3 of 5 - 22/3 ÷ 1 1/3 + 6)/(15^2 + 9÷3) -(10 - 5 × 2/5)

(a) 217/226
(b) 17/10
(c) 73/26
(d) 17/44

GENERAL AWARENESS

Q76. During the reign of which of the following Sultans of Delhi was actual power enjoyed by Balban?

(a) Ruknuddin Feroze
(b) Aram Shah
(c) Nasiruddin Mahmud Shah
(d) Alauddin Masud

Q77. Which of the following is the State Tree of Maharashtra?

(a) Jammi
(b) Ashok
(c) Mango
(d) Banyan

Q78. In April 2020, UB Pravin Rao, Chief Operating Officer of _____, was appointed Chairman of NASSCOM.

(a) Infosys
(b) Wipro
(c) HCL
(d) TCS

Q79. Who among the following leaders was NOT an accused in the Kakori Train Robbery case?

(a) Roshan Singh
(b) Rajendra Nath Lahiri
(c) Bhagat Singh
(d) Ramprasad Bismil

Q80. In which of the following states is the Ramsar Wetland Site named Renuka Wetland located?

(a) Madhya Pradesh
(b) Andhra Pradesh
(c) Himachal Pradesh
(d) Telangana

Q81. How many pollutants are included to measure Air Quality Index in India?

(a) 12
(b) 8
(c) 4
(d) 6

Q82. Who among the following is credited with giving a theory of population growth in his work titled 'Essay on Population' (1798)?

(a) Adam Smith
(b) Thomas Robert Malthus
(c) Karl Marx
(d) Friedrich Engels

Q83. Who among the following was named as Vice-President of Asian Development Bank in July 2020?

(a) Ashok Lavasa
(b) Deepak Parekh
(c) Kiran Majumdar Shaw
(d) Adi Godrej

Q84. Dolomite is an ore of:

(a) aluminium
(b) magnesium
(c) sodium
(d) potassium

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Q85. In terms of abundance of metals in Earth's solid crust, which place does iron enjoy?

(a) First
(b) Third
(c) Fourth
(d) Second

Q86. Who among the following foreign travellers was appointed in the state service by Muhammad bin Tughlaq?

(a) Ibn Battuta
(b) Marco Polo
(c) Al Masudi
(d) Nicolo Conti

Q87. Which of the following states has the largest catchment area of Godavari Basin?

(a) Telangana
(b) Maharashtra
(c) Madhya Pradesh
(d) Karnataka

Q88. Nitin Menon, who was included in the Elite Panel of Umpires/Referees for 2020-21 by an international sports body, is professionally associated with :

(a) football
(b) cricket
(c) basketball
(d) hockey

Q89. Which of the following is India's best known Global brand as per Brand Finance's 'India 100-2020 ranking'?

(a) Tata
(b) HCL
(c) Reliance
(d) LIC

Q90. Which Article of the Constitution of India states that there shall be a President of India?

(a) Article 52
(b) Article 55
(c) Article 54
(d) Article 58

Q91. Which of the metals listed in the options is the least reactive?

(a) Gold
(b) Iron
(c) Copper
(d) Magnesium

Q92. In 1990, the Dinesh Goswami Committee was formed to make recommendations on:

(a) fundamental duties
(b) electoral reforms
(c) police reforms
(d) centre-state relations

Q93. Which Article of the Constitution of India directs the State to secure a social order for the promotion of welfare of the people?

(a) Article 45
(b) Article 38
(c) Article 44
(d) Article 42

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Q94. Which of the following regions was annexed by the British East India Company through the Treaty of Yandabo (1826)?

(a) Odisha
(b) Assam
(c) Ladakh
(d) Kashmir

Q95. Who among the following is an international shooting player?

(a) Manju Rani
(b) Jamuna Boro
(c) Laishram Sarita Devi
(d) Anjum Moudgil

Q96. Which of the following is the State Bird of Rajasthan?

(a) Asian koel
(b) Great Indian Bustard
(c) Sarus crane
(d) Indian roller

Q97. In June 2020, which of the following international organisations approved a $500 million Strengthening Teaching-Learning and Results for States Program (STARS) to improve the quality and governance of school education in six Indian states?

(a) World Bank
(b) International Monetary Fund
(c) Asia Development Fund
(d) UNESCO

Q98. According to the Economic Survey, 2019-20, registering property in Delhi takes _____ days.

(a) 96
(b) 68
(c) 49
(d) 31

Q99. The mineral named ‘Calaverite’ is a telluride mineral containing :

(a) silver
(b) zinc
(c) copper
(d) gold

Q100. Who among the following was the founder of the Bhakti sect named 'Pushtimarg'?

(a) Shankaracharya
(b) Vallabhacharya
(c) Kabir
(d) Ramanuja

ANSWER KEY

1	a	2	a	3	a	4	a	5	a	6	a	7	a	8	a	9	a	10	a
11	a	12	a	13	a	14	a	15	a	16	a	17	a	18	a	19	a	20	a
21	a	22	a	23	a	24	a	25	a	26	a	27	a	28	a	29	a	30	a
31	a	32	a	33	a	34	a	35	a	36	a	37	a	38	a	39	a	40	a
41	a	42	a	43	a	44	a	45	a	46	a	47	a	48	a	49	a	50	a
51	a	52	a	53	a	54	a	55	a	56	a	57	a	58	a	59	a	60	a

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61	a	62	a	63	a	64	a	65	a	66	a	67	a	68	a	69	a	70	a
71	a	72	a	73	a	74	a	75	a	76	a	77	a	78	a	79	a	80	a
81	a	82	a	83	a	84	a	85	a	86	a	87	a	88	a	89	a	90	a
91	a	92	a	93	a	94	a	95	a	96	a	97	a	98	a	99	a	100	a

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