SSC MTS Previous Year Paper (Held on: 20 Oct 2021 Shift 2)

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 meaning of the given idiom.

At a stretch

(a) After some time
(b) Within a month
(c) During a year
(d) Without a stop

Q2. Identify the line segment in the sentence which contains a grammatical error.

Last week we thrown a party for Arun.

(a) we thrown
(b) Last week
(c) for Arun
(d) a party

Q3. 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'.

I am trying my best to give in junk food.

(a) give up
(b) give back
(c) No substitution required
(d) give out

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

I like to go on a trip with Rahul as he is cheerful and _____.

(a) closed
(b) easy-going
(c) uncaring
(d) tense

Q5. Select the most appropriate word to fill in the blank.

Watching one's pet cat is therapeutic and can make one quite _____ to the real world outside.

(a) oblivious
(b) envious
(c) studious
(d) obvious

Q6. Select the most appropriate synonym of the given word.

STRENUOUS

(a) Difficult
(b) Easy

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(c) Feeble
(d) Light

Q7. Identify the segment in the sentence which contains a grammatical error.
Are these library books their?
(a) library
(b) Are these
(c) their
(d) books

Q8. Identify the segment in the sentence which contains a grammatical error.
Mohan was very hungry so he had missed breakfast that morning.
(a) very hungry
(b) so he had missed
(c) Mohan was
(d) breakfast that morning

Q9. Select the INCORRECTLY spelt word.
(a) Foretell
(b) Expel
(c) Repel
(d) Paralel

Q10. Select the most appropriate ANTONYM of the given word.
STATIONARY
(a) Moving
(b) Still
(c) Watch
(d) Square

Q11. Select the most appropriate word to fill in the blank.
Did you visit _____ Nehru Planetarium in Delhi during the eclipse?
(a) a
(b) the
(c) any
(d) an

Q12. Select the most appropriate meaning of the given idiom.
At loggerheads
(a) To hit someone with a log
(b) To disagree strongly
(c) To sit and discuss
(d) To agree unwillingly

Q13. Select the most appropriate word to fill in the blank.
_____ you please help me with my computer?
(a) Could
(b) Shall
(c) Dare
(d) May

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Q14. Select the most appropriate synonym of the given word.

PROACTIVE

(a) Reactive
(b) Short-sighted
(c) Enthusiastic
(d) Heedless

Q15. Select the INCORRECTLY spelt word.

(a) Journies
(b) Opportunities
(c) Capabilities
(d) Responsibilities

Q16. Select the word which means the same as the group of words given.

Be harmonious or consistent with

(a) Accord
(b) Discord
(c) Record
(d) Cordon

Q17. Select the most appropriate ANTONYM of the given word.

SUFFICIENT

(a) Precise
(b) Intense
(c) Inadequate
(d) Enough

Q18. 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'.

You should live throughout your means.

(a) No substitution required
(b) among
(c) within
(d) between

Q19. Select the word which means the same as the group of words given.

A situation when no progress is possible

(a) Deadline
(b) Acceptance
(c) Deadlock
(d) Harmony

Q20. 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'.

Children need much of guidance in how to use the internet wisely and efficiently.

(a) most
(b) a lot
(c) many
(d) No substitution required

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.

Many years ago, I met a panchayat president (1) ____ a state literacy programme who talked to me (2) __ Cuba's literacy

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programme where teachers, students and volunteers (3) __ in a well organised, massive nationwide literacy movement. They (4) __ people in the remotest of villages and were (5)____ successful in their mission.

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

(a) when
(b) while
(c) which
(d) during

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

(a) about
(b) around
(c) through
(d) across

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

(a) join forces
(b) collaborate
(c) joined hands
(d) combine

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

(a) reaching out to
(b) reach out for
(c) reached out to
(d) reaches out for

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

(a) excessively
(b) marginally
(c) negligibly
(d) exceedingly

GENERAL INTELLIGENCE & REASONING

Q26. Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.

20 : 68

(a) 5 : 18
(b) 25 : 90
(c) 12 : 30
(d) 30 : 110

Q27. If the signs - and ÷ are interchanged, then which of the following equations would be correct?

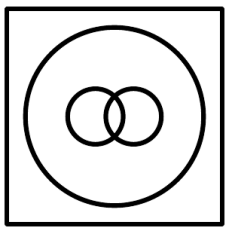
(a) 12 + 4 - 4 ÷ 2 = 3
(b) 6 ÷ 3 + 12 - 6 = 5
(c) 12 ÷ 3+ 9 - 9 = 4
(d) 9 ÷ 9 - 9 + 9 = 9

Q28. Select the Venn diagram that best illustrates the relationship among the following classes.

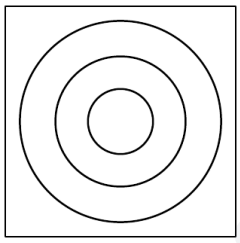
Sun, Planets, Jupiter

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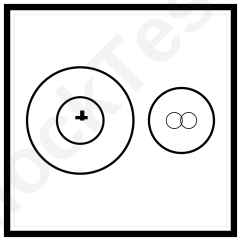
(a)



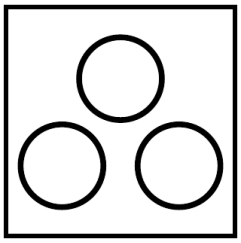
(b)



(c)



(d)



Q29. If MARKET is coded as 15 and SUBMARINE is coded as 21, then how would CONVENTIONAL be coded?

(a) 23
(b) 31
(c) 27
(d) 24

Q30. Which number will replace the question mark (?) in the following number series?

19, 22, 28, 37, 40, ?, 55, 58

(a) 47
(b) 46
(c) 49
(d) 43

Q31. 'Density' is related to 'Hydrometer' in the same way as 'Mass' is related to :

(a) Balance
(b) Kilogram
(c) Heaviness
(d) Volume

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Q32. Six persons P, Q, R, S, T and U read a magazine one after another.

i. S was neither the first nor the last to read it.

ii. There were as many readers between P and T as there were between R and P.

iii. S read it sometime before Q, who read it sometime after U.

iv. The one who read it last had taken it from R.

Who were the two persons to have read the magazine first and last, respectively?

(a) T and Q
(b) P and Q
(c) T and U
(d) P and U

Q33. Select the number from the options that is similar to the numbers in the given set.

(425, 902, 713)

(a) 319
(b) 624
(c) 555
(d) 218

Q34. 'Tired' is related to 'Exhausted' in the same way as 'Sad' is related to '_____'.

(a) Feeling
(b) Mood
(c) Depressed
(d) Happy

Q35. Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

Statements:

1. All buildings are shops.

2. Some shops are boutiques.

3. No restaurant is a boutique.

Conclusions:

I. Some boutiques are buildings.

II. Some restaurants being buildings is a possibility.

III. No restaurant is a shop.

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

Q36. Eight persons A, B, C, D, E, F, G and H are sitting around a circular table facing the centre.

i. D is between G and A, and is facing B.

ii. F is between A and H, and H is third to the right of D.

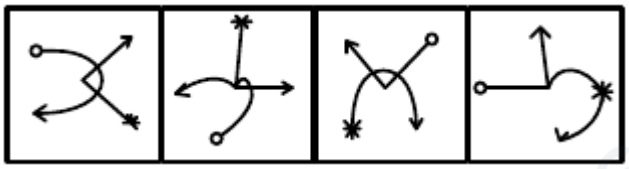
iii. E is second to the left of G.

Who are the persons sitting immediately to the left of C?

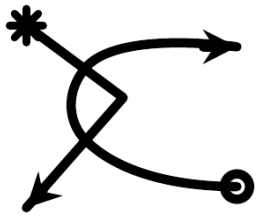
(a) AHF
(b) BFH
(c) ADF
(d) EBH

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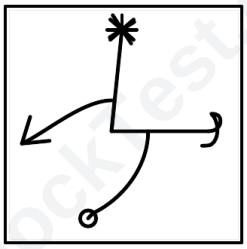
Q37. Which option figure would come next in the following series?



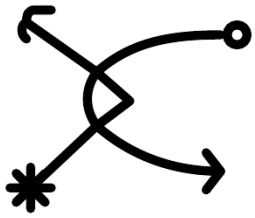
(a)



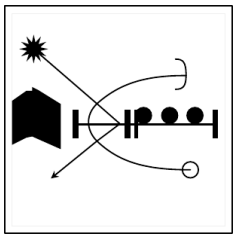
(b)



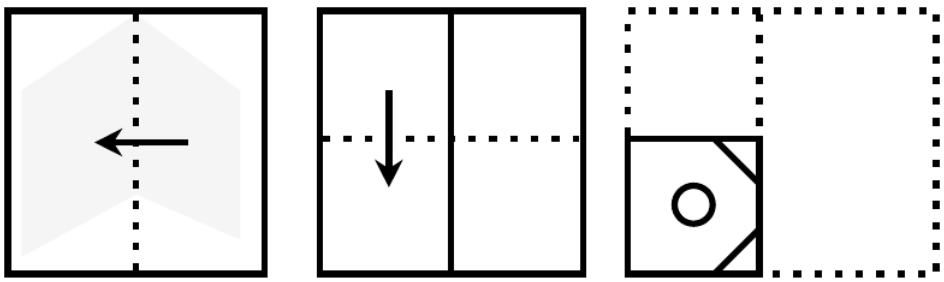
(c)



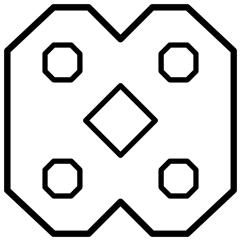
(d)



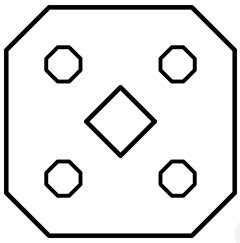
Q38. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?



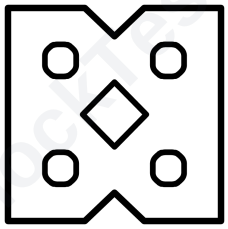
(a)



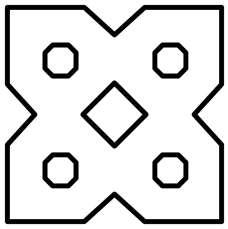
(b)



(c)



(d)



Q39. If PEDAGOGUE is coded as DEPNFZEUG, then how would HAMSTRING be coded?

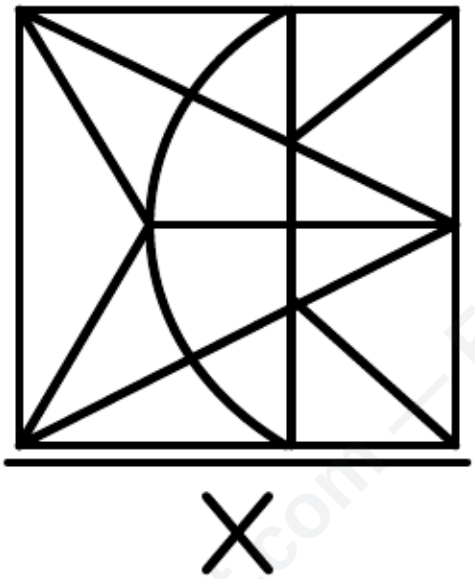
(a) MAHSUTGNI
(b) ASRNGITMH
(c) SMAHTGNIR
(d) MAHQSRGNI

Q40. If FRIEND is coded as 86 and SICK is coded as 62, then how would FRECKLE be coded?

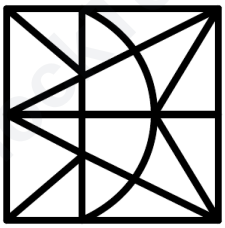
(a) 108
(b) 87
(c) 90
(d) 95

Q41. Select the mirror image of the figure marked 'X', when the mirror is placed on the right side of the figure.

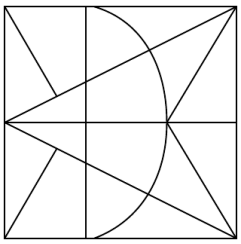
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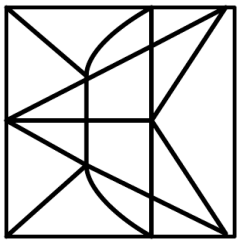
(a)



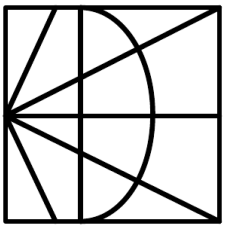
(b)



(c)



(d)



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Q42. Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

Statements:

1. Some instruments are machines.

2. All instruments are gadgets.

Conclusions:

I. No machine is a gadget.

II. Some machines are gadgets.

(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Neither conclusion I nor conclusion II follows
(d) Either conclusion I or conclusion II follows

Q43. If MOTHER is coded as QDGSNL, then how would SHEATH be coded?

(a) RGDGSZ
(b) RZSGDG
(c) GSZDGR
(d) IUBFIT

Q44. 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.

FHKO : UQNL : : MORV : ?

(a) PLIG
(b) NJGE
(c) NIFD
(d) NLIE

Q45. Which number will replace the question mark (?) in the following number series?

9, 12, 17, 26, 43, 76, ?, 270

(a) 125
(b) 133
(c) 141
(d) 154

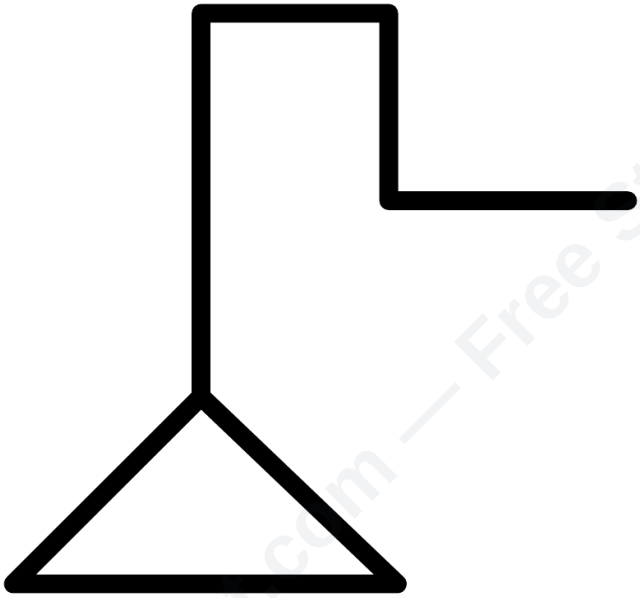
Q46. Which letter-cluster will replace the question mark (?) in the following series?

CBD, XYW, FEG, UVT, IHJ, ?

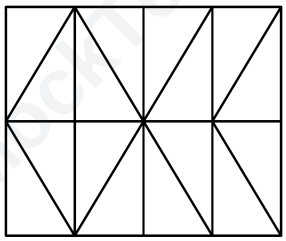
(a) RQS
(b) ORP
(c) STR
(d) RSQ

Q47. Select the option in which the given figure is embedded (rotation is NOT allowed).

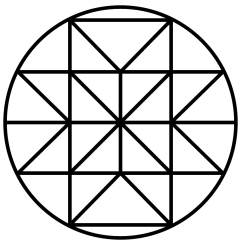
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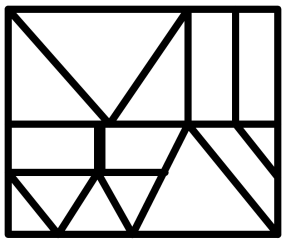
(a)



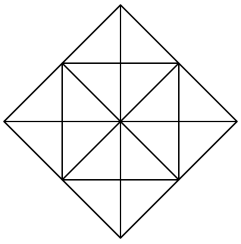
(b)



(c)



(d)



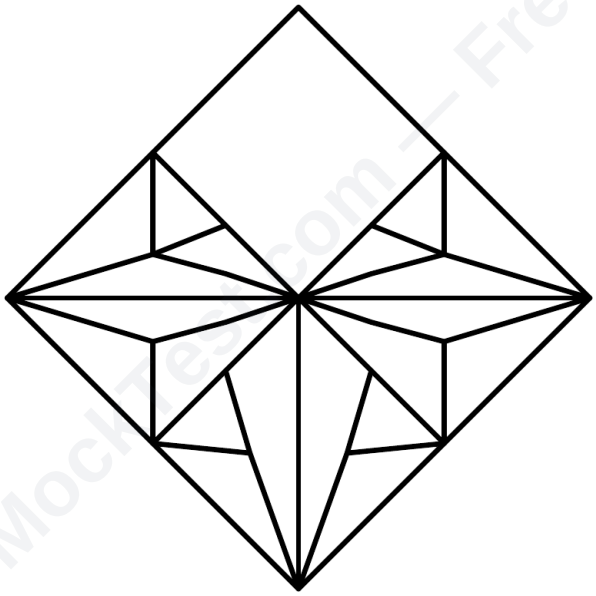
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Q48. Which two signs should be interchanged to make the given equation correct?

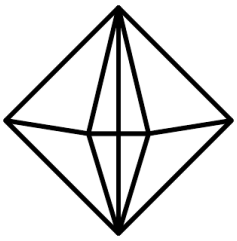
18 ÷ 9 + 12 × 4 - 8 = 15

(a) • and -
(b) ÷ and ×
(c) × and -
(d) • and ÷

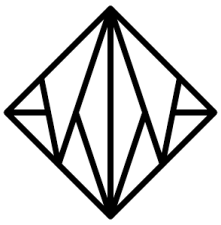
Q49. Select the option figure, which when placed in the blank space of the figure would complete the pattern.



(a)



(b)

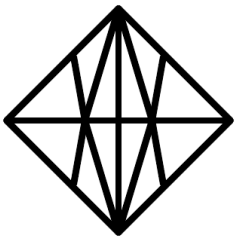


(c)



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(d)



Q50. 19 persons are standing in a queue.

i. Manish is 7th from the back.

ii. Rinku is exactly in the middle of Manish and Seema.

iii. Seema and Rinku have three persons between them.

What is the position of Seema from the front?

(a) 7th
(b) 4th
(c) 5th
(d) 6th

NUMERICAL APTITUDE

Q51. In a week, the weight of a bag of tea were 350 kg, 280 kg, 270 kg, 360 kg, 310 kg, 300 kg. The range (in kg) is:

(a) 80
(b) 70
(c) 90
(d) 100

Q52. After allowing a discount of 10% on the marked price of an article, it is sold for Rs. 450. Had the discount not been given, the profit would have been 25%. What is the cost price (in Rs.) of the article?

(a) 500
(b) 400
(c) 375
(d) 625

Q53. Two circles of radii 10 cm and 12 cm intersect each other and the length of their common chord is 16 cm. What is the distance (in cm) between their centres?

(a) $6 + 3\sqrt{5}$
(b) $6 + 4\sqrt{5}$
(c) $6 + 5\sqrt{5}$
(d) $6 + 2\sqrt{5}$

Q54. There are 100 students in a class, out of which 70% are girls and others are boys. The average score of girls in a test is 20% more than that of boys. If the average score of all the students is 57, then what is the average score of boys?

(a) 60
(b) 75
(c) 50
(d) 45

Q55. A farmer borrowed Rs. 1,32,000 from a money lender to do cultivation in his field. The rate of interest is 12.5% p.a. compounded annually. At the end of two years, he cleared his loan by paying Rs. 1,07,062.50 and his scooter. The cost (in Rs.) of the scooter is:

(a) 75,000
(b) 45,000

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(c) 60,000
(d) 50,000

Q56. A sells an article to B at 12% profit. B sells it to C at 9% loss. If C pays Rs. 15,288 for it, then at what price (in Rs.) is the article purchased by A?
(a) 15,000
(b) 16,000
(c) 14,250
(d) 16,800

Q57. 'A' alone can do a piece of work in 10 days and 'B' alone can do it in 15 days. 'A' and 'B' undertook to do the work for Rs. 42,000. With the help of 'C', they completed the work in 5 days. How much (in Rs.) is to be paid to C?
(a) 21,000
(b) 15,000
(c) 7,000
(d) 14,000

Q58. Twenty persons take 15 days to complete a certain work, working 8 hours a day. To complete the same work in 4 days, the number of hours a day 60 persons should work, is:
(a) 9
(b) 11
(c) 10
(d) 12

Q59. In an examination, the ratio of the number of candidates who passed to those who failed was 5 : 2. If the number of failed candidates had been 14 more, then the ratio of the number of passed candidates to those who failed would have been 4 : 3. The number of candidates who appeared in the examination was:
(a) 100
(b) 126
(c) 70
(d) 98

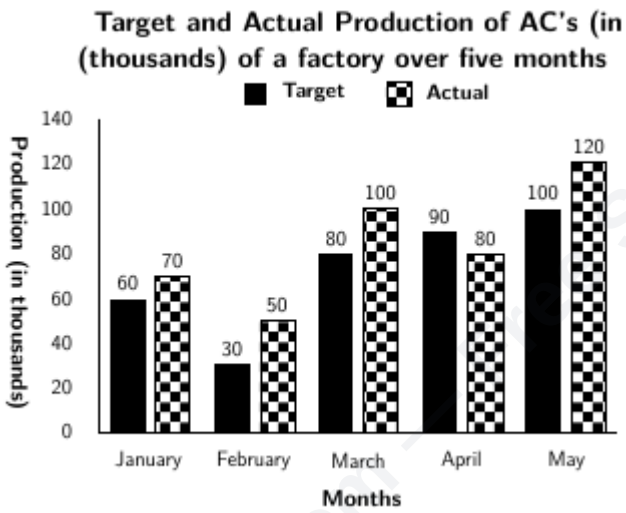
Q60. The value of 7/10 ÷ 7/5 of [21/10 + 13/5] + [1/10 × 10/47 - 6/47] is:
(a) 5
(b) 1
(c) 0
(d) 10

Q61. What is the simplified value of {(4 - 2/(1 + 2/(1 - 1/(2 + 3/4)))) ÷ 15/12of72/145 - (4 + 3 ÷ 0.5 - 1)} ?
(a) -2
(b) 3
(c) 1
(d) -4

Q62. What is the area (in cm^2) of a trapezium whose parallel sides are 25 cm and 19 cm long, and the distance between them is 15 cm?
(a) 275
(b) 410
(c) 330
(d) 345

Q63. Study the following graph and answer the question that follows.

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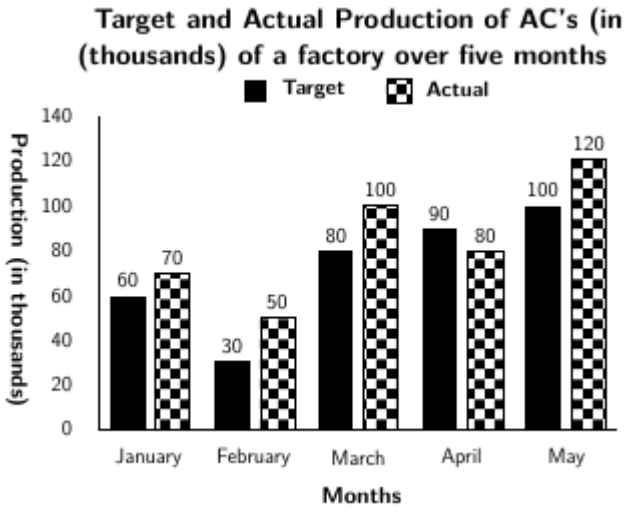
In which month is the actual production of ACs 20% more than the target production?

(a) May
(b) March
(c) April
(d) February

Q64. The selling price of an article is 7/6 times the cost price. What is the loss/gain percentage (correct up to two decimal places)?

(a) Gain 16.67%
(b) Gain 19.54%
(c) Loss 19.54%
(d) Loss 16.67%

Q65. Study the following graph and answer the question that follows.



The ratio of the actual production of ACs in March and April to that of the combined target production of ACs in January and April, is:

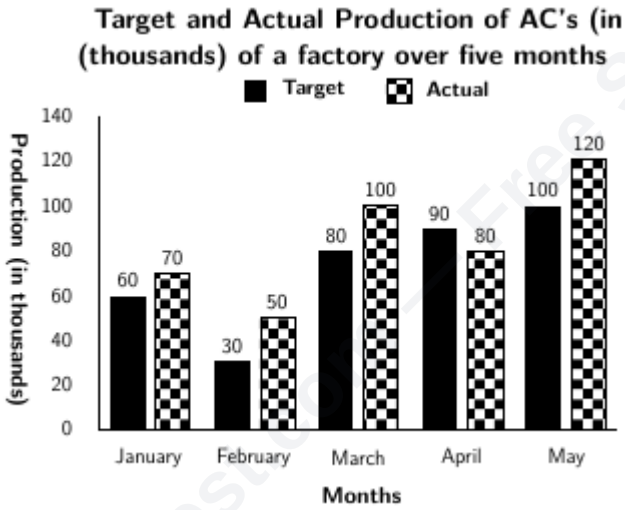
(a) 5 : 2
(b) 5 : 6
(c) 2 : 5
(d) 6 : 5

Q66. The ratio of the income of A and B is 1 : 2 and that of their expenditure is 2 : 3. If 80% of B's expenditure is equal to the income of A, then what is the ratio of the savings of A and B?

(a) 9 : 2
(b) 7 : 3

(c) 2 : 9
(d) 3 : 7

Q67. Study the following graph and answer the question that follows.



The actual production of ACs in March is what percentage more than the average target production of ACs over the period of 5 months (correct to the nearest integer)?

(a) 39%
(b) 40%
(c) 41%
(d) 38%

Q68. An aeroplane covers a distance at a speed of 190 km/h in 7 hours. To cover the distance in 4 3/4 hours, it must travel at a speed (in km/h) of:

(a) 300
(b) 240
(c) 280
(d) 275

Q69. When the price of sugar gets raised by 30%, a person increases his expenditure on sugar only by 12%. By what percentage (correct up to two decimal places) should he reduce his consumption of sugar so as to be able to maintain the same level of expenditure?

(a) 11.54%
(b) 12.75%
(c) 13.85%
(d) 15.75%

Q70. The area of the curved surface of a right circular cylinder is 19.5 m^2 and its volume is 39 m^3. What is the radius (in m) of its base?

(a) 3
(b) 5
(c) 4
(d) 6

Q71. Which is the largest number that will divide 2036 and 233 leaving remainders 12 and 13, respectively?

(a) 44
(b) 46
(c) 36
(d) 42

Q72. If x : y : z = 1 : 2 : 3, what is the value of $((x^2 + 2y^2 + z^2)/(3x^2 - 2y^2 + 4z^2))$?

(a) 15/31
(b) 19/31
(c) 16/31
(d) 18/31

Q73. The average monthly expenditure of a family was Rs. 10,000 during the first three months, Rs. 12,500 during the next four months, and Rs. 13,500 during the last five months of a year. If the total savings during the year were Rs. 32,500, then the average monthly income (in Rs.) of the family was:

(a) 17,250
(b) 13,750
(c) 15,000
(d) 14,250

Q74. Two trains of the same length are running on parallel tracks in the same direction at 44 km/h and 32 km/h. The faster train passes the other train in 72 seconds. What is the length (in m) of each train?

(a) 120
(b) 135
(c) 100
(d) 75

Q75. Eight copies of a book can be bought for a certain sum payable at the end of a year and ten copies of the same book can be bought for the same sum in cash money. What is the rate percentage of the interest?

(a) 15%
(b) 25%
(c) 10%
(d) 30%

GENERAL AWARENESS

Q76. Which of the following diseases is caused by a protozoa parasite of Leishmania species?

(a) Polio
(b) Malaria
(c) Chikungunya
(d) Kala Azar

Q77. Which of the following Articles of the Constitution of India lays down the duties and functions of the Union and State Public Service Commissions in India?

(a) Article 312
(b) Article 316
(c) Article 308
(d) Article 320

Q78. Which of the following rivers has Kishanganga river as one of its major tributaries?

(a) Chenab
(b) Sutlej
(c) Ravi
(d) Jhelum

Q79. For which of the following countries does cricketer Ben Stokes play?

(a) England
(b) New Zealand
(c) Australia
(d) South Africa

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Q80. Who among the following cricketers is NOT among the Wisden Five Cricketers of the Year named by the 2020 edition of the Wisden Almanack?

(a) Andre Russell
(b) Pat Cummins
(c) Jofra Archer
(d) Ellyse Perry

Q81. In which of the following languages did Adikavi Pampa create his compositions?

(a) Kannada
(b) Telugu
(c) Tamil
(d) Malayalam

Q82. Brahm Kanchibotla, who died in April 2020 in the US, is known for his contribution in the field of:

(a) journalism
(b) theatre
(c) medical sciences
(d) sports

Q83. Which of the following is the name of the spacecraft developed by SpaceX for NASA's manned mission to International Space Station?

(a) Crew Aries
(b) Crew Centaurus
(c) Crew Dragon
(d) Crew Shark

Q84. In the year 2009, who among the following was appointed as the Leader of Opposition in the 15th Lok Sabha?

(a) Anantha Kumar
(b) Sushma Swaraj
(c) Smriti Irani
(d) Arun Jaitley

Q85. Which of the following union territories has representation in the Council of States?

(a) Puducherry
(b) Chandigarh
(c) Andaman and Nicobar Islands
(d) Lakshadweep

Q86. The series of articles titled 'New Lamps for Old', strongly criticising the Congress for its moderate policy towards British rule, was authored by:

(a) Bipin Chandra Pal
(b) Sri Aurobindo
(c) Lala Lajpat Rai
(d) Bal Gangadhar Tilak

Q87. Of the languages recognised as Classical Languages by the Government of India, as on 30th June 2020, which of the following is the latest?

(a) Kannada
(b) Telugu
(c) Odia
(d) Malayalam

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Q88. In which of the following months may the meteor shower named Lyrids be seen from Earth?

(a) April
(b) August
(c) June
(d) February

Q89. In which of the following states is the Srivilliputhur Elephant Reserve located?

(a) Tamil Nadu
(b) Karnataka
(c) Andhra Pradesh
(d) Telangana

Q90. Which of the following helps borrowers to overcome the problem of lack of collateral?

(a) Civil Societies
(b) Non-Governmental Organizations
(c) Self Help Groups
(d) Pressure Groups

Q91. According to the '2nd Advance Estimates of Horticulture Production 2019-20', published by the Department of Agriculture, Cooperation and Farmers Welfare in June 2020, the total horticulture production in 2019-20 is estimated to be about _____ higher than 2018-19.

(a) 1%
(b) 4%
(c) 2%
(d) 3%

Q92. In which of the following periods is the meteor shower named Quadrantids generally visible from Earth?

(a) October/November
(b) August/September
(c) May/June
(d) December/January

Q93. Which classical economist popularised the following phrase: "From each according to his ability, to each according to his needs"?

(a) John Stuart Mill
(b) Adam Smith
(c) Karl Marx
(d) David Ricardo

Q94. To which of the following corporate houses does the leading vaccine manufacturing company Serum Institute of India Private Limited belong?

(a) Reliance Group
(b) Cyrus Poonawalla Group
(c) Tata Group
(d) Adani Group

Q95. As per the World Intellectual Property Organization (WIPO), China emerged as the top source of international patent applications filed with it in the year 2019. Which of the following countries held this place in the year 2018?

(a) Singapore
(b) USA
(c) South Korea
(d) Japan

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Q96. Who among the following was defeated by Aurangzeb in the Battle of Deorai?

(a) Shah Shuja
(b) Dara Shikoh
(c) Murad Baksh
(d) Shah Jahan

Q97. Which of the following is the name of the NASA programme to land first woman and next man on the Moon by 2024?

(a) Orion
(b) Apollo
(c) Artemis
(d) Nike

Q98. Which of the following river systems has Wardha river as one of its significant rivers?

(a) Mahanadi
(b) Ganga
(c) Godavari
(d) Krishna

Q99. Which of the following communities of Sikkim is traditionally associated with the folk dance known as 'Chu-Faat'?

(a) Nepalese
(b) Bhutia
(c) Lepcha
(d) Tamang

Q100. In February 2020, the Shanghai Cooperation Organization (SCO) published 'List of Eight Wonders of SCO'. Which of the following Indian monuments figured in this list?

(a) Great Living Chola Temples
(b) Statue of Unity
(c) Khajuraho Group of Monuments
(d) Monuments at Mahabalipuram

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
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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