SSC MTS Previous Year Paper (Held on: 2 Aug 2019 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2019 • 100 questions • 90 minutes • Answer key

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GENERAL ENGLISH

Q1. Directions: Choose the correctly spelt word.

(a) Hotiness
(b) Haughtyness
(c) Haughtiness
(d) Hautiness

Q2. Directions: Choose the correctly spelt word.

(a) Gramar
(b) Gramer
(c) Grammar
(d) Grammer

Q3. Select the most appropriate option to fill in the blank.

Her parents always ____ her in her studies.

(a) encouraged
(b) interested
(c) impressed
(d) expected

Q4. Directions: Select the most appropriate antonym of the given word.

Fertile

(a) Barren
(b) Civilized
(c) Sane
(d) Tough

Q5. Choose the most appropriate word that can substitute the given group of words.

One who pretends to be what he is not

(a) Director
(b) Hypocrite
(c) Creator
(d) Acrobat

Q6. Directions: Select the most appropriate antonym of the given word.

Acute

(a) Dark
(b) Clever
(c) Grave
(d) Blunt

Q7. Select the most appropriate synonym of the given word.

Deepen

(a) Soothe
(b) Neutralize
(c) Relieve
(d) Intensify

Q8. Directions: Select the most appropriate meaning of the given idiom.

The ball is in (one's) court

(a) To be responsible for further action
(b) To pass the responsibility to another
(c) To be fearful of taking any action
(d) To risk everything in one venture

Q9. Select the most appropriate option to fill in the blank.

The entry gates were closed _____ we could enter in.

(a) till
(b) before
(c) after
(d) until

Q10. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

I told the tailor/(A) to made a new/(B) dress for me. /(C) No error.(D)

(a) dress for me
(b) I told the tailor
(c) No error
(d) to made a new

Q11. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

The lady/(A) standing in the/(B) corner is fat. /(C) No error. (D)

(a) The lady
(b) standing in the
(c) corner is fat
(d) No error

Q12. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

Please tell the story in a nutshell.

(a) at a nutshell
(b) in the nutshell
(c) in nutshells
(d) No Improvement

Q13. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

He did not like the novel, nor I did.

(a) nor did I
(b) No Improvement
(c) nor I like it
(d) nor did I likes it

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Q14. Choose the most appropriate word that can substitute the given group of words.

A place where nuns live and work

(a) Convent
(b) Dormitory
(c) Hostel
(d) Quarter

Q15. Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

It was not possible/for we/to understand her. /No error.

(a) for we
(b) to understand her
(c) It was not possible
(d) No error

Q16. Directions: Select the most appropriate option to fill in the blank.

_____ you like some water?

(a) Do
(b) Would
(c) Shall
(d) Can

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

Courage

(a) Meekness
(b) Valour
(c) Humility
(d) Timidity

Q18. Select the most appropriate option to fill in the blank.

We must start now _____ it will be too late.

(a) until
(b) unless
(c) or
(d) but

Directions

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given.

Humanity can be (1)____ as the quality of being human; the peculiar nature (2)__ man, by which he is distinguished (3)__ other beings. Being human (4)__ not mean that an individual possesses humanity. One of the (5)____ outstanding examples of extraordinary humanity in a human being has been portrayed beautifully by Mother Teresa.

Q19. Select the most appropriate option for blank No. 1.

(a) define
(b) defining
(c) defined
(d) defines

Q20. Select the most appropriate option for blank No. 2.

(a) of
(b) in
(c) at
(d) to

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Q21. Select the most appropriate option for blank No. 3.

(a) along
(b) for
(c) by
(d) from

Q22. Select the most appropriate option for blank No. 4.

(a) had
(b) does
(c) has
(d) did

Q23. Select the most appropriate option for blank No. 5.

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

Q24. Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

The father with his children were expected to attend the function.

(a) are
(b) have
(c) No Improvement
(d) was

Q25. Select the most appropriate meaning of the given idiom.

Bend over backwards

(a) To express sudden shock
(b) To exert a lot of effort towards some end
(c) To end all activities
(d) To confess to a crime

GENERAL INTELLIGENCE & REASONING

Q26. Five articles, bat, ball, fan, table and chair, are kept one above the other (not necessarily in the same order). The bat is four places above the fan. The Table is between the ball and the chair. The chair is three places below the bat.

Which article is at the second position from the top?

(a) Fan
(b) Table
(c) Ball
(d) Chair

Q27. Five teachers, H, K, P, R and T, are sitting around a circular table facing towards the centre (not necessarily in the same order). T is between H and R. P is second to the right of R. H is to the immediate left of T. Who is sitting to the immediate left of K?

(a) T
(b) H
(c) P
(d) R

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Q28. In a certain code language, 'RIGIDS' is written as 'TFIFFP'. What will be the code for 'CORNET' in the code language?

(a) GNVMIS
(b) FMULHR
(c) ELTKRQ
(d) ELTKGQ

Q29. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No A is B.

All C are D.

Some C are B.

Conclusions:

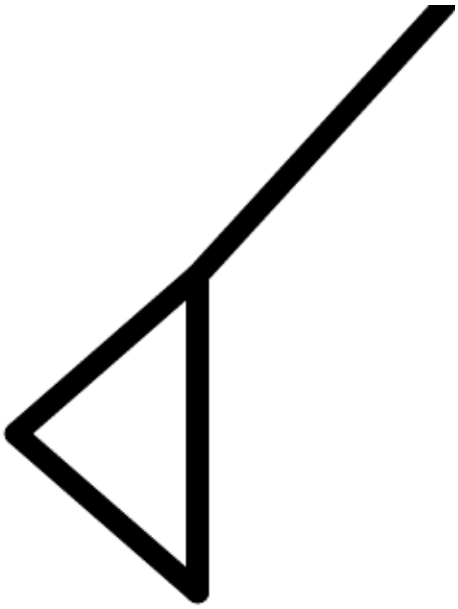
I. Some D are B.

II. Some B are C.

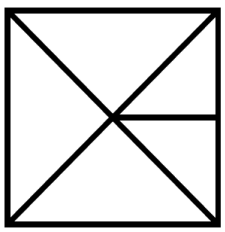
III. All C are B.

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

Q30. Select the option in which the given figure is embedded. (Rotation is not allowed)

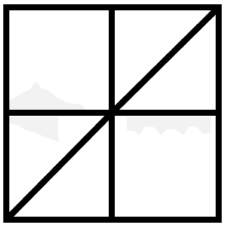


(a)

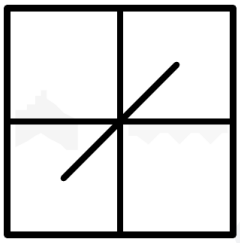


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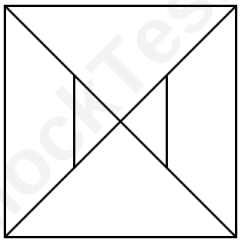
(b)



(c)



(d)



Q31. In a certain code language, ROK is written as 44 and MIG is written as '29'. What will be the code for 'TAL' in the code language?

(a) 33
(b) 34
(c) 41
(d) 43

Q32. Which two signs need to be interchanged to make the following equation correct?

73 – 13 × 42 ÷ 14 + 56 = 56

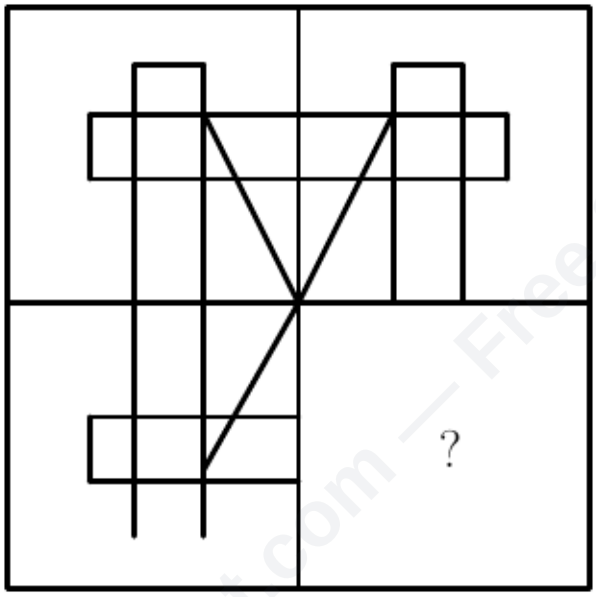
(a) • and ×
(b) × and ÷
(c) – and +
(d) – and ×

Q33. Select the option that is related to the third number in the same way as the second number is related to the first number.

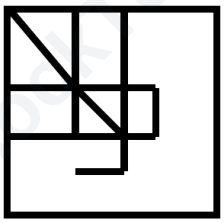
35 : 66 : : 29 : ?

(a) 63
(b) 62
(c) 60
(d) 57

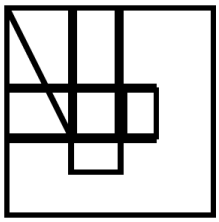
Q34. Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



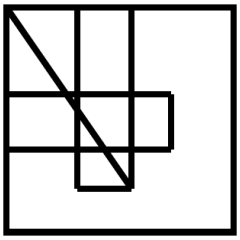
(a)



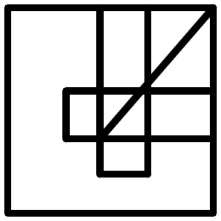
(b)



(c)



(d)



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Q35. In a certain code language, 'PING' is written as '4' and 'METAL' is written as '5'. What will be the code for 'STEADYS' in the code language?

(a) 8
(b) 7
(c) 5
(d) 6

Q36. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

I. Some red are rat.

II. Some rat are wild.

Conclusions:

I. Some wild are rat.

II. All wild are rat.

III. Some red are wild.

(a) None of the conclusions follows.
(b) Only conclusions I follows
(c) Only conclusions III follows
(d) Only conclusions II follows

Q37. Select the number that can replace the question mark (?) in the following series.

16, 20, 29, 45, 70, ?

(a) 106
(b) 116
(c) 96
(d) 126

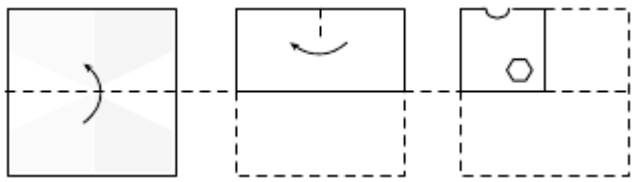
Q38. Six laptops, N, Q, P, L, R and A, are placed in a row facing towards the north (not necessarily in the same order). N is placed to the immediate left of A. R is placed second to the left of Q. P is placed second to the right of A. P is placed to the immediate right of R. L is placed to the left of N. Which laptop is placed to the immediate right of L?

(a) N
(b) Q
(c) P
(d) O

Q39. If the two signs, '+ and ÷' are interchanged, which of the following equations will be correct?

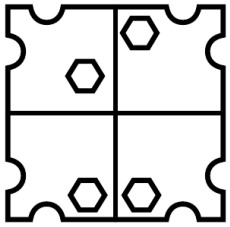
(a) 16 ÷ 9 + 4 × 8 = 34
(b) 16 ÷ 21 + 13 × 26 = 56
(c) 11 + 13 × 4 ÷ 2 = 37
(d) 13 × 9 + 16 ÷ 2 = 125

Q40. A paper is folded and cut as shown below. How will it appear when unfolded?

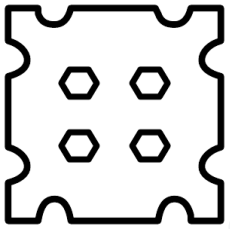


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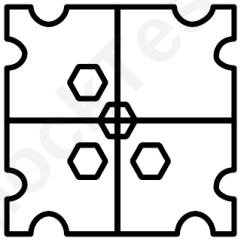
(a)



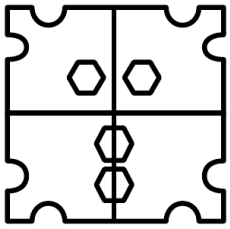
(b)



(c)



(d)

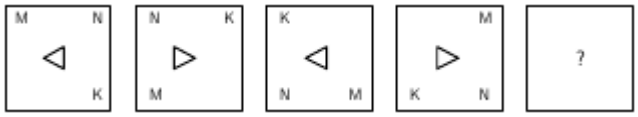


Q41. Select the number that can replace the question mark (?) in the following series.

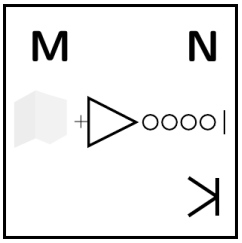
31, 44, 58, 73, 89, ?

(a) 105
(b) 106
(c) 115
(d) 116

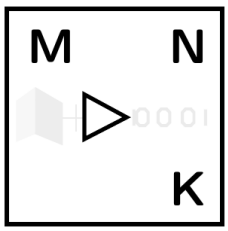
Q42. Select the option figure that will come next in the following series.



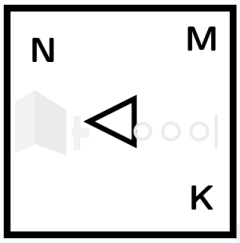
(a)



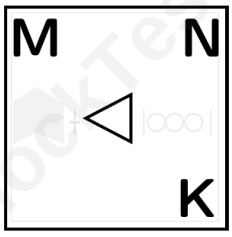
(b)



(c)



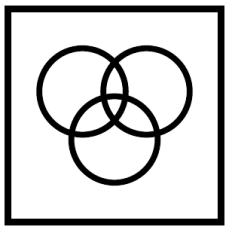
(d)



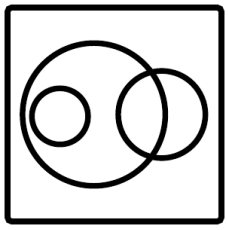
Q43. Identify the Venn diagram that best represents the relationship between the given classes.

Painter, Lawyer, Singer

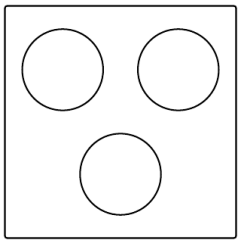
(a)



(b)

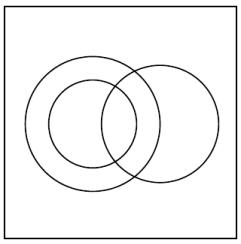


(c)



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(d)



Q44. Select the letter-pair that can replace the question mark (?) in the following series?

AR, CU, EX, GA, ?

(a) JE
(b) ID
(c) IF
(d) KF

Q45. Select the word pair in which the two words are related in the same way as the two words in the following word-pair.

Five : Pentagon

(a) Four : Rectangle
(b) Triangle : Three
(c) Square : Four
(d) Septagon : Seven

Q46. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

7	**6**	**3**	**48**
4	9	8	63
2	5	7	?

(a) 28
(b) 42
(c) 52
(d) 56

Q47. In a certain code language, ‘GROUND’ is written as ‘BMJPIY’. What will be the code for ‘FREAK’ in that code language?

(a) BOAYH
(b) AMYVF
(c) BNAWG
(d) AMZVF

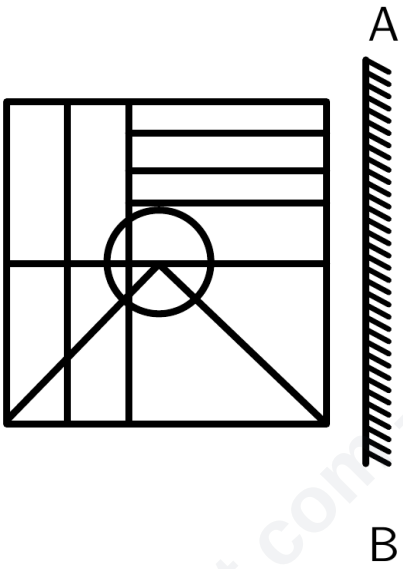
Q48. Select the option that is related to the third term in the same way as the second term is related to the first term.

Colour : Red : : Profession : ?

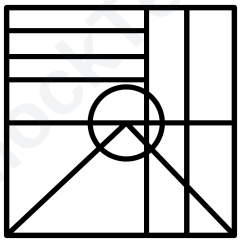
(a) Lawyer
(b) Court
(c) School
(d) Black

Q49. Select the correct mirror image of the given figure when the mirror is placed at line AB.

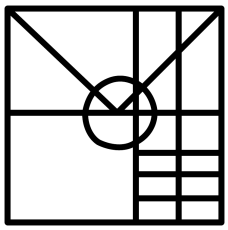
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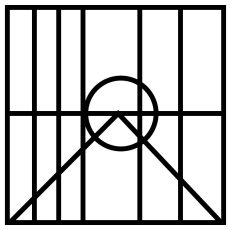
(a)



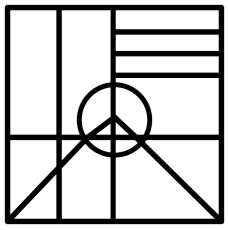
(b)



(c)



(d)



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Q50. Select the option in which the letters share the same relationship as that shared by the given pair of letters.

JT : NX

(a) TP : XT
(b) RK : VG
(c) GS : KU
(d) LD : PG

NUMERICAL APTITUDE

Q51. A travels 15 km with a speed of 30 km/h. He travels another 25 km with a speed of 10 km/h. What is his average speed for the entire journey?

(a) 40/3 km/h
(b) 80/3 km/h
(c) 20 km/h
(d) 12 km/h

Q52. If P : Q = 5 : 2, then (2P – 3Q) : (3P – 5Q) is equal to:

(a) 5 : 6
(b) 2 : 7
(c) 4 : 5
(d) 3 : 4

Q53. What will be the compound interest on a sum of Rs. 1200 for 2 years at the rate of 20% per annum when the interest is compounded yearly?

(a) Rs. 624
(b) Rs. 504
(c) Rs. 576
(d) Rs. 528

Q54. The simple interest on a sum is equal to the sum itself while the rate is same as the number of years for which it is invested. The number of years is equal to:

(a) 5
(b) 10
(c) 8
(d) 1

Q55. Pipe A can fill a tank in 6 hours. Pipe B can fill the same tank in 8 hours. Pipe A, B and C together can fill the same tank in 12 hours. Then which of the following statements is true for pipe C?

(a) It can fill the tank in 4 hours 40 minutes
(b) It can fill the tank in 4 hours 48 minutes
(c) It can empty the tank in 4 hours 48 minutes
(d) It can empty the tank in 4 hours 40 minutes

Q56. By selling an article for Rs. 320, a man incurs a loss of 20%. What should be the selling price of an article to gain 20%?

(a) Rs. 450
(b) Rs. 480
(c) Rs. 420
(d) Rs. 500

Q57. 0.1 per cent of 1.728 × 10^6 spherical droplets of water, each of diameter 2 mm, coalesce to form a spherical bubble. What is the diameter (in cm) of the bubble?

(a) 1.2
(b) 1.6
(c) 1.8

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(d) 2.4

Q58. The ratio of monthly incomes of Pawan and Sunil is 4 : 3 and the ratio of their monthly expenditures is 3 : 2. If Pawan and Sunil save Rs. 4000 and Rs. 6000 respectively per month, then what is the sum of their monthly incomes?

(a) Rs. 60000
(b) Rs. 70000
(c) Rs. 50000
(d) Rs. 36000

Q59. What is the value of

32 ÷ 4 of 2 × 3 + [5 of 6 - {7 of 8 (10 + 6 of (5/6) ÷ 5 - 1) ÷ 80}] - 7 × 3 ÷ 2 = ?

(a) 7.5
(b) 17.5
(c) 12.5
(d) 24.5

Q60. What is the value of (72 ÷ 9 + 3 - 6 - (2 × 3) + 5 of 3 - (1 + 5 × 2 - 2))/(8 ÷ 4 + 2 - (6 × 8 ÷ 2) + (7 × 4 - 2 × 2)) = ?

(a) 11/4
(b) 5/4
(c) 0
(d) 15/4

Q61. If the volumes of two cubes are in the ratio of 64 : 125, then what is the ratio of their total surface areas?

(a) 9 : 16
(b) 4 : 5
(c) 16 : 25
(d) 64 : 125

Q62. The average of 13 numbers is 42. If a 14^(th) number is included, then the average becomes 44. What is the 14^(th) number?

(a) 70
(b) 62
(c) 66
(d) 68

Q63. The radius of the base of a right circular cone and a sphere is each equal to r. If the sphere and the cone have the same volume, then what is the height of the cone?

(a) 7r
(b) 4r
(c) 2r
(d) 3r

Q64. What is a single discount equivalent to two successive discounts of 10% and 15%?

(a) 21.5%
(b) 23.5%
(c) 25%
(d) 26.5%

Q65. The selling price of an article is 8/7 of cost price. What is the profit percentage?

(a) 100/9
(b) 100/11
(c) 100/8
(d) 100/7

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Q66. What is the HCF of $2^3 \times 3^4$ and $2^5 \times 3^2$?

(a) $2^5 \times 3^3$
(b) $2^3 \times 3^4$
(c) $2^3 \times 3^2$
(d) $2^5 \times 3^4$

Q67. A number is first increased by 20% and then reduced by 15%. If the final value is 2040, then what is the initial value of the number?

(a) 2100
(b) 1800
(c) 2000
(d) 1900

Q68. The daily average rainfall on 5 days of a week is 30 mm. If the rainfall on 6^(th) and 7^(th) day is 42 mm and 25 mm respectively, then what is the average daily rainfall for the 7 days?

(a) 31
(b) 29.5
(c) 33
(d) 28.5

Q69. The Table given shows the number of students having obtained different marks.

Marks	Number of students
9 – 11	6
11 – 13	5
13 – 15	2
15 – 17	2
17 - 19	5

What is the mean marks per student?

(a) 13.5
(b) 12.25
(c) 15.5
(d) 14.25

Q70. If a/b = 3/4,b/c = 4/5 and c/d = 5/6, then the sum of the numerator and the denominator (which are co-primes) of (a/d)^(10) is:

(a) 1025
(b) 4097
(c) 2049
(d) 513

Q71. A man leaves from P at 6 AM and reaches Q at 2 PM on the same day. Another man leaves Q at 8 AM and reaches P at 3 PM on the same day. At what time do they meet?

(a) 11 : 46 AM
(b) 11 : 24 AM
(c) 10 : 48 AM
(d) 11 : 00 AM

Q72. Two teachers A and B can complete an academic work in 10 days and 15 days respectively. They started the work together, but A left after 5 days and another teacher C joined, who alone can complete the work in 60 days. In how many days the work got completed?

(a) 7
(b) 5

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(c) 6
(d) 2

Directions

Direction: The Table given below presents the number of books on different subjects kept on separate shelves. Subjects with odd and even numbers are of Arts and Science respectively.

Subjects	Number of books
S1	26
S2	29
S3	31
S4	34
S5	36
S6	38
S7	44

Q73. What is the ratio of the number of books of S1 and the average number of books per subject?

Subjects	Number of books
S1	26
S2	29
S3	31
S4	34
S5	36
S6	38
S7	44

(a) 13 : 17
(b) 18 : 13
(c) 14 : 17
(d) 14 : 13

Q74. What is the ratio of the total number of books on Arts to that of Science?

(a) 141 : 97
(b) 145 : 93
(c) 137 : 101
(d) 149 : 89

Q75. The number of books of S3 is what percent (correct to one decimal place) of the average number of Science books?

(a) 92.1
(b) 91.2
(c) 93.1
(d) 90.7

GENERAL AWARENESS

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Q76. Which party government announced the formation of a second backward classes commission in 1978?

(a) Indian National Congress Party
(b) Bharatiya Janata Party
(c) Janata Party
(d) United Democratic Party

Q77. The name of UTI Bank was changed to _____ in 2007.

(a) HDFC Bank
(b) IDBI Bank
(c) Centurion Bank
(d) Axis Bank

Q78. Who among the following was the first Indian woman to swim across the english channel?

(a) Arati saha
(b) Ujwala Rai
(c) Nisha Millet
(d) Karnam Malleswari

Q79. The Indian standard time is calculated from the clock tower of _____.

(a) Hamirpur
(b) Rampur
(c) Mirzapur
(d) Sambalpur

Q80. Silver fiber revolution is associated to:

(a) Leather
(b) Oil seeds
(c) Jute
(d) Cotton

Q81. Which article of Indian constitution deals with discrimination against any Indian citizen on various grounds?

(a) Article 11
(b) Article 19
(c) Article 13
(d) Article 15

Q82. Who is the writer of 'Becoming'?

(a) Jhumpa Lahiri
(b) Sudha Murthy
(c) Michelle Obama
(d) Hillary Clinton

Q83. Blue jay or Indian roller is the state bird of how many indian states?

(a) 4
(b) 5
(c) 2
(d) 3

Q84. The upper part of the respiratory tract is provided with small hair-like structures called _____.

(a) Bronchi
(b) Cilia
(c) Villi
(d) Alveoli

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Q85. Which of the following is declared as world heritage site by UNESCO in 2018?

(a) Rani ki vav
(b) The Victorian Gothic and Art Deco Ensembles of Mumbai
(c) Historic city of Ahmedabad
(d) The Architectural works of Le corbusler

Q86. Which of the following gas causes explosion in coal mines?

(a) Carbon dioxide
(b) Nitrogen
(c) Butane
(d) Methane

Q87. What is the contribution of agriculture sector in GDP of India in 2017-18?

(a) 0.154
(b) 0.192
(c) 0.16
(d) 0.171

Q88. Pin valley National park is situated in _____.

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

Q89. Bhawai is a folk dance of which state?

(a) Haryana
(b) Maharashtra
(c) Andhra Pradesh
(d) Rajasthan

Q90. Who is known as the father of Blue Revolution in India?

(a) Verghese Kurien
(b) Sam Pitroda
(c) Hiralal Chaudhuri
(d) M.S. Swaminathan

Q91. Dibyendu Barua is associated with which of the following sport?

(a) Chess
(b) Hockey
(c) Snooker
(d) Tennis

Q92. Which of the following is NOT a nuclear power station?

(a) Ramagundam
(b) Rawatbhata
(c) Narora
(d) Kalpakkam

Q93. When did the Quit India Movement Start?

(a) 1930
(b) 1942
(c) 1932
(d) 1940

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Q94. Which of the following temple is built by Rastrakutas Dynasty?

(a) Kailash Temple
(b) Adi Kumbeswara
(c) Brihadeshwara Temple
(d) Chennakeshava Temple

Q95. In which field 'Saraswati Samman' award is given?

(a) Music
(b) Literature
(c) Jouranlism
(d) Dance

Q96. Name the Indian sprinter who won the gold medal in women's 100 m in Wold Universiade, 30^(th) Summer University Games held in Napoli, Italy?

(a) Dutee Chand
(b) Pinki Pramanik
(c) Hima Das
(d) Santhi Soundara

Q97. _____ is the study of ancient plants, like mosses, that grow in moist, humid environments.

(a) Ethnobotany
(b) Bryology
(c) Palynology
(d) Dendrology

Q98. Which of the following committees recommended inclusion of fundamental duties?

(a) Tarapore Committee
(b) Radha Krishnan Committee
(c) Balwant Rai Mehta Committee
(d) Swaran Singh Committee

Q99. Who became the Nawab of Bengal after Alivardi Khan?

(a) Sarfaraaz khan
(b) Shuja-ud-din Muhammad Khan
(c) Siraj-ud-Daulah
(d) Mir Zafar

Q100. Who among the following was popularly known as the parrot of India?

(a) Tansen
(b) Ibn Battuta
(c) Amir Khusrow
(d) Ziauddin Barani

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

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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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