SSC MTS Previous Year Paper (Held on: 12 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 ANTONYM of the given word.

UNUSUAL

(a) Commonplace
(b) Questionable
(c) Fantastic
(d) Rare

Q2. Select the most appropriate synonym of the given word.

TRANSPARENT

(a) Clear
(b) Opaque
(c) Pretty
(d) Shiny

Q3. Direction: Identify the segment in the sentence which contains a grammatical error.

According to a recent survey, around 60% of children under the age of 5 years has been immunised.

(a) a recent survey
(b) has been immunised
(c) according to
(d) under the age

Q4. Direction: Select the most appropriate word to fill int he blank.

The Health Minister has been discharged from the hospital, _____ he?

(a) handn't
(b) haven't
(c) hasn't
(d) didn't

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

I receive a lot of _____ from my family members, who are very encouraging.

(a) ambition
(b) expectation
(c) invitation
(d) inspiration

Q6. Direction: Identify the segment in the sentence which contains a grammatical error.

I have no inform about today's meeting with the managing director.

(a) about today's meeting
(b) no inform
(c) I have

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(d) with the

Q7. Select the INCORRECTLY spelt word.

(a) Identification
(b) Suspention
(c) Composition
(d) Application

Q8. Select the most appropriate word to fill in the blank.

Pravesh's teacher makes him feel as if he is _____.

(a) incompetent
(b) influential
(c) invisible
(d) inappropriate

Q9. Select the word which means the same as the group of words given.

Never wrong or making a mistake

(a) Untrustworthy
(b) Infallible
(c) Ineligible
(d) Incapable

Q10. Direction: Identify the segment in the sentence which contains a grammatical error.

Though they worked day and night to build the highway before the deadline they could not completed it.

(a) Though they worked
(b) could not completed
(c) to build the highway
(d) day and night

Q11. Direction: 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'.

Anurag asked me why didn't you pay the driver.

(a) you didn't pay
(b) didn't I paid
(c) No substitution required
(d) I didn't pay

Q12. Select the most appropriate meaning of the given idiom.

Drop in

(a) Have very little effect
(b) Reduce in numbers
(c) Go back on a promise
(d) Pay a casual visit

Q13. Select the INCORRECTLY spelt word.

(a) Identifible
(b) Justifiable
(c) Eligible
(d) Legible

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

GLITTERING

(a) Shingly
(b) Attractive
(c) Dull

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(d) Shiny

Q15. Select the most appropriate meaning of the given idiom.

A turning point

(a) The time when people decide to give up plans
(b) A change of destiny that is surprising
(c) A decision to turn things around
(d) The time at which an important change starts

Q16. Direction: 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'.

These days my parents are been taking great care of my health and want me to eat nuts and seeds, which are rich in vitamins and minerals.

(a) No substitution required
(b) were taking
(c) will have taken
(d) are taking

Q17. Direction: 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'.

Cakes are Jaya's favourite snack, even samosas is Aparna's preferred choice.

(a) No substitution required
(b) either samosa are
(c) but samosas be
(d) while samosas are

Q18. Select the word which means the same as the group of words given.

One who treats and prevents diseases of the heart

(a) Cardiologist
(b) Pediatrician
(c) Neurologist
(d) Pathologist

Q19. Direction: Select the most appropriate word to fill in the blank.

The office superintendent asked me to leave my job application _____ him.

(a) with
(b) behind
(c) between
(d) to

Q20. Select the most appropriate synonym of the given word.

POLLUTION

(a) Creation
(b) Expansion
(c) Contamination
(d) Aggravation

Directions

Direction: 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.

With Covid-19 cases going down in Delhi many hospitals have ____ (1) ____ shifting their focus to other facilities for the treatment of non-Covid patients. At a time when __ (2) ____ pressure of non-Covid patients continues to increase, the Municipal Corporation __ (3) ____ hospitals to retain back-up health workers for 100 beds and move the remaining __ (4) ____ to other units. This move is expected to bring relief to many patients suffering from other diseases __ (5) _____ cancer, heart or kidney disease, which need urgent services.

Q21. Select the most appropriate option to fill in blank number 1.

(a) starts
(b) starting
(c) started
(d) start

Q22. Select the most appropriate option to fill in blank number 2.

(a) any
(b) a
(c) some
(d) the

Q23. Select the most appropriate option to fill in blank number 3.

(a) has advised
(b) has advise
(c) have advised
(d) advising

Q24. Select the most appropriate option to fill in blank number 4.

(a) staff
(b) guards
(c) members
(d) patients

Q25. Select the most appropriate option to fill in blank number 5.

(a) as well as
(b) similar to
(c) such as
(d) along with

GENERAL INTELLIGENCE & REASONING

Q26. The first semester scores of six students indicated that Raman immediate scored higher than Ritesh, but he is second lower to Harshita. If Ankur is the second-lowest scorer, then what could be the position of Raghav?

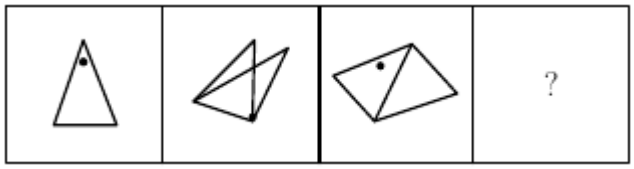
(a) Between Raman and Ritesh
(b) Just below Ritesh
(c) Just above Harshita
(d) Just above Raman

Q27. Select the correct sequence of mathematical signs to sequentially replace the letters A, B, C, D and E so as to balance the given equation.

(38 A 17) B 9 C 117 D 13 E 94 = 104

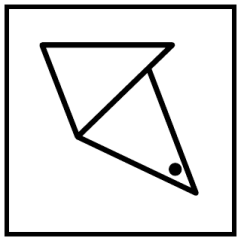
(a) +, ÷, ×, +, -
(b) ×, -, ÷, +, -
(c) -, ×, +, ÷, -
(d) ×, ÷, +, -, -

Q28. Select the figure that will replace the question mark (?) in the following figure series.

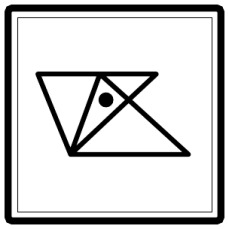


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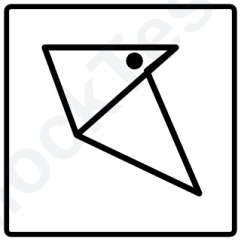
(a)



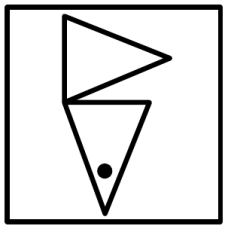
(b)



(c)



(d)



Q29. Which number will replace the question mark (?) in the following number series?

256, 123, 66, ?, 18, 6

(a) 32
(b) 33
(c) 29
(d) 27

Q30. Select the option word that is related to the third word in the same way as the word is related to the first word.

Reaper : Farmer :: Anvil : ?

(a) Carpenter
(b) Labourer
(c) Watchmaker
(d) Blacksmith

Q31. Seven persons are sitting along the sides of a heptagon table facing the centre. D is second to the right of A, and B is second to the right of F, who is to the immediate right of A. If G and C are sitting adjoining, C being second to the left of A, then what is the sitting position of E?

(a) immediate left of F
(b) immediate left of B
(c) immediate right of A
(d) immediate right of C

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Q32. Two statements are given, followed by two conclusions numbered I and II. 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:

All Machines are Tools.

No Tool is a Computer.

Conclusions:

I. No Machine is a Computer.

II. Some Computers are Tools.

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

Q33. If in a coding system, OPULENT is coded as 84 and LEARNER is coded as 114, then how will PHYSICS be coded in the same coding system?

(a) 90
(b) 88
(c) 99
(d) 97

Q34. In a certain code language, if MATERIAL is written as QDXHVLDP, then how will ONTOLOGY be written in the same code language?

(a) RRXRPRKC
(b) SRXSPSKC
(c) RMSRORJB
(d) RRSSOSGC

Q35. Which letter-cluster will replace the question mark (?) in the following series?

HEA, JGC, LIE, ?

(a) NKG
(b) EBX
(c) DAW
(d) PLI

Q36. The Coordinator of an International Virtual Conference has planned six guest lectures on different areas-Cryptography, Fluid Dynamics, Big Data Analysis, Wavelet Theory, Differential Equations and Linear Algebra-to be organised only one on each day from Monday to Sunday.

Wavelet Theory should be organised immediately after Differential Equations.

Big Data Analysis should be organised on Wednesday and should not be followed by Linear Algebra.

Fluid Dynamics should be organised on Friday and there should be a gap of two days between Cryptography and Linear Algebra.

One day there will be no lecture (Saturday is not that day), and just before that day Linear Algebra will be organised.

How many lectures are organised between Big Data Analysis and Wavelet Theory?

(a) Two
(b) One
(c) Four
(d) Three

Q37. Two statements are given, followed by three conclusions numbered I, II and III. 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:

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All Birds are Sparrows.

All Sparrows are Reptiles.

Conclusions:

I. Some Reptiles are Birds.

II. All Reptiles are Sparrows.

III. All Birds are Reptiles.

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

Q38. If in a coding system, SHELVES is coded as 1919515222219, and NOMINEE is coded as 1412131814225, then how will SEIZURE be coded in the same coding system?

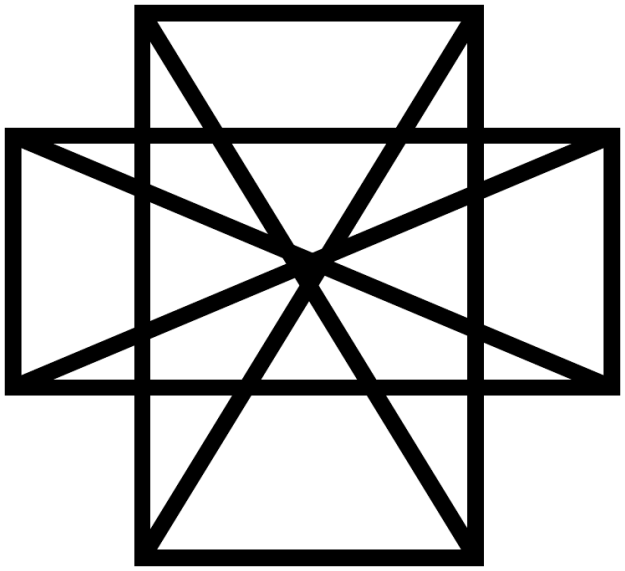
(a) 1922912195
(b) 19229262185
(c) 8518266185
(d) 8221816922

Q39. Which of the given options is the most suitable to fill in the blank?

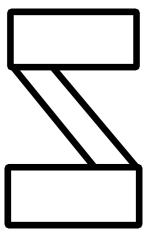
Newspaper : Press :: Cloth : _____

(a) Shop
(b) Mill
(c) Tailor
(d) Fibre

Q40. Identify the option figure which is embedded in the given figure (rotation is NOT allowed).

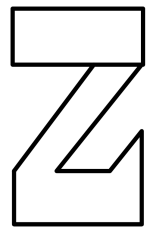


(a)

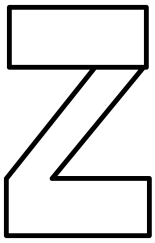


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(b)



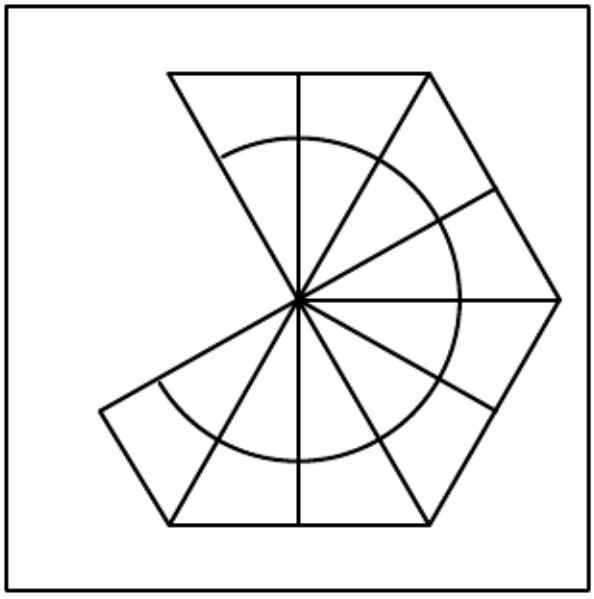
(c)



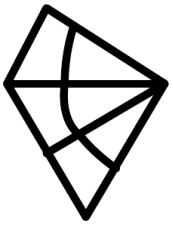
(d)



Q41. Identify the option figure that completes the pattern in the question figure.

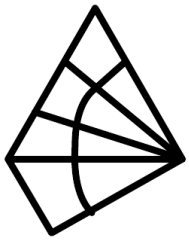


(a)

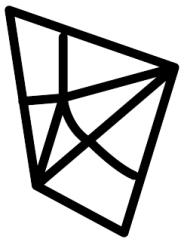


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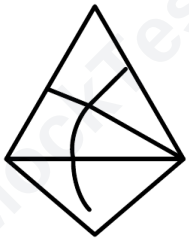
(b)



(c)



(d)

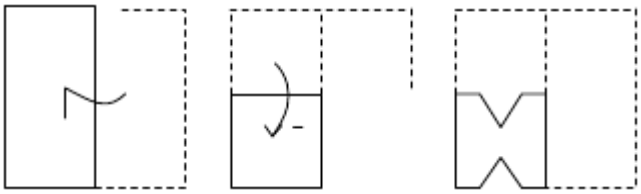


Q42. Which of the given options is the most suitable to fill in the blank?

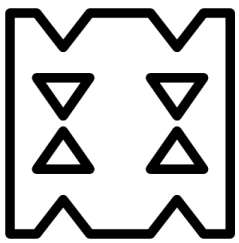
16 : 128 : : 4 : _____

(a) 14
(b) 8
(c) 40
(d) 26

Q43. A paper is folded and cut as shown below. How will it appear when unfolded?

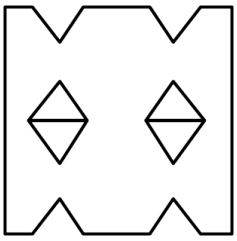


(a)

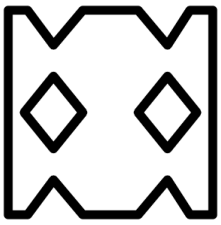


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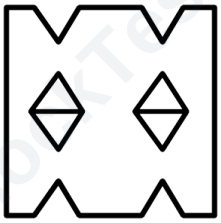
(b)



(c)

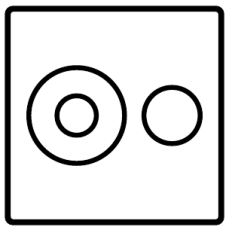


(d)

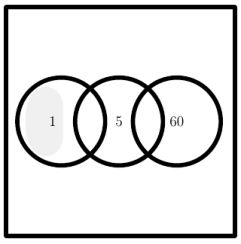


Q44. Select the Venn diagram that best illustrates the relationship among the following classes:
Students, Females, Teachers

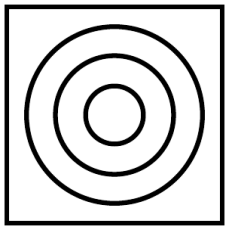
(a)



(b)

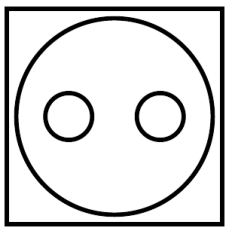


(c)



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(d)



Q45. In a certain code language, if EXTRNSIC is written as CIXESNRT, then how will LEFTWING be written in the same code language?

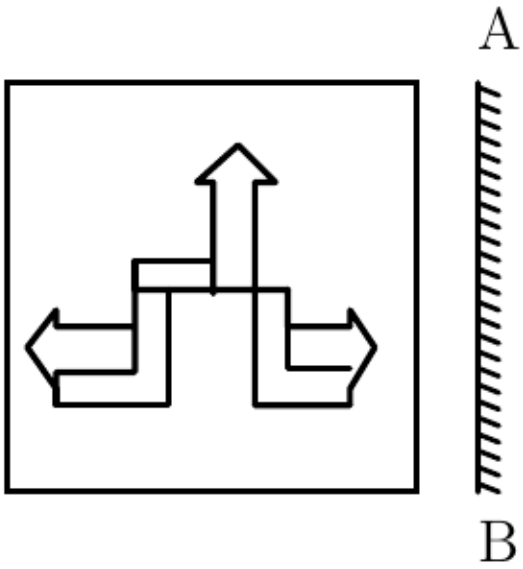
(a) ELGNTFIW
(b) GNIWTFEL
(c) TFELGNIW
(d) GNELIWTF

Q46. Which number will replace the question mark (?) in the following number series?

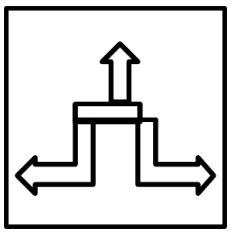
16, 32, 8, 48, 6, 60, 5, ?

(a) 65
(b) 75
(c) 70
(d) 60

Q47. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

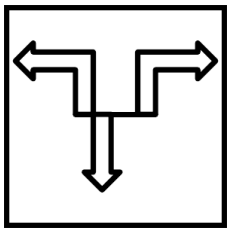


(a)

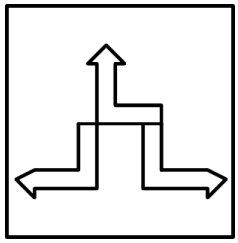


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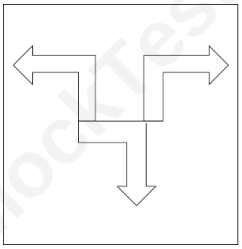
(b)



(c)



(d)



Q48. 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.

PHONETIC : FLWHQRKS :: SHEEPDOG : ?

(a) VKHHSGRJ
(b) VKRJHHSG
(c) JRVKGSHH
(d) JRGSHHKV

Q49. Which two digits can be interchanged so as to balance the given equation?

186 ÷ 17 + 104 - 12 × 3 = 16

(a) 8 and 3
(b) 4 and 7
(c) 2 and 7
(d) 6 and 4

Q50. Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(192, 140, 252)

(a) (165, 140, 192)
(b) (221, 192, 252)
(c) (186, 134, 246)
(d) (165, 117, 221)

NUMERICAL APTITUDE

Q51. Three articles are bought at Rs.180 each. One of them is sold at a loss of 10%. If the other two articles are sold so as to gain 25% on the whole transaction, then what is the gain percentage on the two articles?

(a) 30%
(b) 42.5%
(c) 37.5%

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(d) 45%

Q52. The mean of 100 items is 47. It was discovered that three items which should have been 60,70, 80 were wrongly read as 40, 20, 50, respectively. The correct mean is:

(a) 48
(b) 50
(c) 51
(d) 47

Q53. A hall is 18 m long and 12 m broad. If the sum of the areas of the floor and the ceiling is equal to the sum of the areas of the four walls, the volume (in m^3) of the hall is:

(a) 1555.2
(b) 1376.4
(c) 1876.2
(d) 1175.5

Q54. The value of 55/29 - [15/4 ÷ {3/4 × (3/2 - 1/5 - 1/3)}] is:

(a) 1
(b) 10
(c) 0
(d) 5

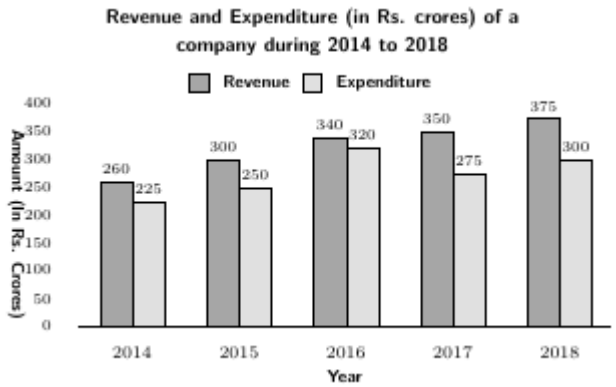
Q55. Two numbers are, respectively. 17% and 50% more than a third number. The ratio of the two numbers is:

(a) 59 : 39
(b) 39 : 59
(c) 50 : 39
(d) 39 : 50

Q56. What is the difference (in Rs.) between the compound interest, when interest is compounded 6-monthly, and the simple interest on a sum of Rs.10,000 for 11/2 years at 10% p.a.?

(a) 91.5
(b) 102.25
(c) 87
(d) 76.25

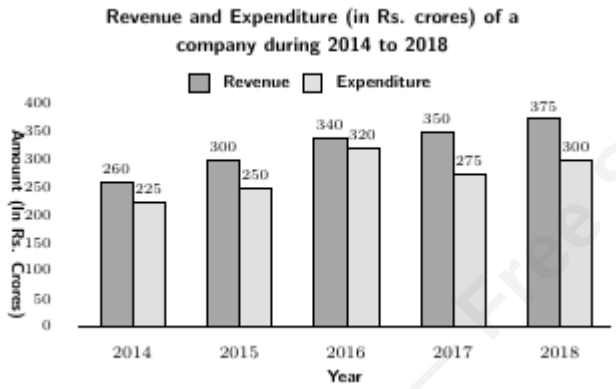
Q57. Study the following graph and answer the question that follows.



What is ratio of the total revenue of the company in 2016 and 2018 to that of the total expenditure in 2015 and 2017?

(a) 115 : 114
(b) 105: 143
(c) 130 : 103
(d) 143 : 105

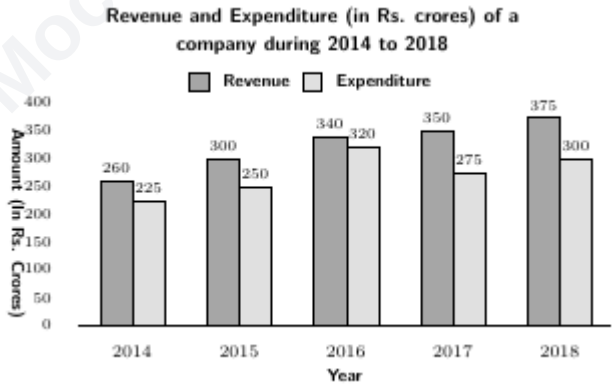
Q58. Study the following graph and answer the question that follows.



The expenditure of the company in 2016 is what percentage more than the average revenue (per year) in 2014, 2015 and 2018 (correct to the nearest integer)?

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

Q59. Study the following graph and answer the question that follows.



In which year is the percentage increase in the revenue, as compared to that in the preceding year, between 1% and 3%?

(a) 2018
(b) 2016
(c) 2017
(d) 2015

Q60. A person invested a sum of Rs.6,500 at x% per annum at simple interest and a sum of Rs.7,500 at (x - 2)% per annum at simple interest. If the total interest earned on both the investments for 3 years is Rs.3,750, then the rate of interest on the first investment is:

(a) 10%
(b) 12%
(c) 8%
(d) 14%

Q61. A sum (in Rs.) is distributed between A, B and C in the ratio 5 : 6 : 7. If B gives Rs.400 from his share to C, the ratio of the shares of A, B and C becomes 2 : 3 : 4. What is the sum of the shares (in Rs.) of A and c, in the beginning?

(a) 14,000
(b) 7,200
(c) 11,200
(d) 8,400

Q62. The cost price of 30 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:

(a) 30
(b) 18
(c) 25
(d) 24

Q63. A fruit seller has a sale of Rs.10,435, Rs.9,927, Rs.10,855, Rs.10,230 and Rs.9,562 for five consecutive months. How much sale (in Rs.) must he have in the sixth month so that he gets an average sale of Rs.10,500?

(a) 8,231
(b) 11,991
(c) 9,231
(d) 8,991

Q64. The curved surface area of a right circular cone is 65 π cm^2 and the radius of its base is 5 cm. What is half of the volume of the cone, in cm^3?

(a) 50 π
(b) 45 π
(c) 100 π
(d) 180 π

Q65. A single discount equivalent to three simple discounts of 10%, 12% and 15% is:

(a) 32.68%
(b) 34.17%
(c) 35.36%
(d) 37%

Q66. A, B and C can do a piece of work in 10, 15 and 30 days, respectively. If B and C both assist A on every third day, then in how many days can the work be completed?

(a) 71/2
(b) 5
(c) 81/2
(d) 8

Q67. Let x be the least number divisible by 8, 12, 30, 36 and 45 and x is also a perfect square. What is the value of x?

(a) 4225
(b) 2500
(c) 3600
(d) 4900

Q68. A person crosses a 900-metre long street in 6 minutes. The speed of the person in km/h is:

(a) 10
(b) 15
(c) 12
(d) 9

Q69. A train can travel 40% faster than a car. Both the train and the car start from point A at the same time and reach point B, which is 70 km away from point A, at the same time. On the way, however, the train lost about 15 minutes while stopping at stations. The speed of the car in km/h is:

(a) 120
(b) 80
(c) 100
(d) 90

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Q70. If A and B can do a piece of work in 20 days, and A alone can do the same work in 30 days, then in how many days can B alone complete the same work?

(a) 75
(b) 40
(c) 50
(d) 60

Q71. What is the simplified value of {(1 - 2/15) + 2/5} ÷ 14/15 + (2/3of6/7 ÷ 4/9 - 1/6 × 15/7) ?

(a) 11/15
(b) 1/2
(c) 33/14
(d) 2

Q72. A field is in the form of a circle. The cost of fencing around it at Rs.11 per metre is Rs.2,420. What is the area (in m^2) of the field? (Take $\pi = 22/7$)

(a) 4500
(b) 2700
(c) 3850
(d) 4250

Q73. A girl spend 76% of her income. If her income increase by 18% and her expenditure increases by 25%, then what is the percentage increase or decrease in her savings (correct to one decimal place)?

(a) 4.2%, decrease
(b) 5.7%, increase
(c) 8.4%, increase
(d) 6.9%, decrease

Q74. The incomes of A and B are in the ratio 3 : 4, and their expenditure are in the ratio 9 : 5. If the income of A is equal to three times the expenditure of B, then what is the ratio of the savings of A and B?

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

Q75. The average weight of 6 persons increases by 2.5 kg when a new person comes in place of one of them weighing 55 kg. What might be the weight (in kg) of the new person?

(a) 62.5
(b) 70
(c) 60
(d) 75.5

GENERAL AWARENESS

Q76. In which year was 'Project Elephant' launched by the Government of India as a Centrally Sponsored Scheme?

(a) 1988
(b) 1997
(c) 1992
(d) 1984

Q77. Of the following abbreviations, which one is primarily an umbrella organisation for operating retail payments and settlement systems in India?

(a) SIDBI
(b) NPCI
(c) NABARD
(d) IRDAI

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Q78. Unsaturated carbon compounds burn with a:

(a) yellow sooty flame
(b) orange sooty flame
(c) white sooty flame
(d) red sooty flame

Q79. Of the following sites of Harappan Civilization, which one is NOT located in Pakistan?

(a) Chanhudaro
(b) Shortughai
(c) Balakot
(d) Kot Diji

Q80. Which of the following is NOT a property of graphite?

(a) It is a conductor of electricity.
(b) It has a lower density than diamond.
(c) It is a conductor of heat.
(d) It has low melting point.

Q81. The 'Amrita Devi Bishnoi National Award' is given for:

(a) Wildlife protection
(b) Energy protection
(c) Environment protection
(d) Biodiversity protection

Q82. Which of the following is a dwarf planet of our solar system?

(a) Callisto
(b) Ganymede
(c) Europa
(d) Makemake

Q83. In which of the following states is the festival called 'Yaoshang' traditionally celebrated?

(a) Sikkim
(b) Jharkhand
(c) Chhattisgarh
(d) Manipur

Q84. Which of the following minerals has kieserite as its ore?

(a) Potassium
(b) Iron
(c) Magnesium
(d) Silver

Q85. In which year was the South Asian Association for Regional Cooperation (SAARC) established?

(a) 1987
(b) 1980
(c) 1983
(d) 1985

Q86. Of the following battles fought by Akbar, which one was the latest as compared to the rest of the battles?

(a) Battle of Thanesar
(b) Battle of Haldighati
(c) Battle of Tukaroi
(d) Second Battle of Panipat

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Q87. The Union Sports Ministry has decided to set up Khelo India State Centres of Excellence (KISCE) in eight states in the first leg of the Khelo India Scheme. Which of the following is NOT one of these eight states?

(a) Odisha
(b) Nagaland
(c) Andhra Pradesh
(d) Karnataka

Q88. In which year was the first meeting of National Integration Council held?

(a) 1962
(b) 1951
(c) 1965
(d) 1955

Q89. On which of the following rivers is Pakistan constructing a dam and named 'Diamer Basha' dam?

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

Q90. Which of the following wetlands is located in Kerala?

(a) Sasthamkotta Lake
(b) Sandi Bird Sanctuary
(c) Nandur Madhameshwar
(d) Hokera Wetland

Q91. Who among the following is the author of the book titled 'Speaking Truth to Power : My Alternative View'?

(a) Mani Shankar Aiyar
(b) Subramanian Swamy
(c) P Chidambaram
(d) Arun Shourie

Q92. With which of the following games is the Duckworth-Lewis-Stem method associated?

(a) Cricket
(b) Hockey
(c) Football
(d) Polo

Q93. As on September 2021, who is the CEO of NITI Aayog?

(a) Shaktikanta Das
(b) Dr. Rajiv Kumar
(c) Amitabh Kant
(d) Urjit Patel

Q94. _____ is a type of fraud where a small electronic device is used to steal debit/credit card information during an authorised banking transaction.

(a) Skimming
(b) Phishing
(c) Smishing
(d) Vishing

Q95. Who was the Pro-tem speaker of the 16th Lok Sabha?

(a) M Thambidurai
(b) Kamal Nath
(c) Meira Kumar
(d) Manohar Parrikar

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Q96. With which of the following type of fuels is the device named 'tokamak' associated?

(a) Geothermal
(b) Hydel
(c) Atomic
(d) Tidal

Q97. Ken Shimura, the renowned comedian who died in March 2020, was a national of:

(a) China
(b) Japan
(c) South Korea
(d) Indonesia

Q98. To which of the following incarnations of Vishnu is Dhanuyatra of Odisha's Bargah district dedicated?

(a) Lord Krishna
(b) Lord Rama
(c) Lord Varaha
(d) Lord Vamana

Q99. Priyadarshini Govind, who was conferred the 'Nritya Kalanidhi' title by The Music Academy in 2019, is a well-known _____ dancer.

(a) Kuchipudi
(b) Kathakali
(c) Kathak
(d) Bharatnatyam

Q100. Who among the following was the founder of Prarthana Samaj?

(a) Jyotiba Phue
(b) MG Ranade
(c) Atmaram Pandurang
(d) RC Bhandarkar

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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