# SSC MTS Previous Year Paper (Held on: 20 Sep 2017 Shift 1)

SSC Multi-Tasking Staff (MTS) • 2017 • 100 questions • 90 minutes • Answer key

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

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## GENERAL ENGLISH

**Q1.** Directions: In the following question, some parts of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

To bring these to you (1)/wherever you are (2)/however you have time (3) / No error (4)/

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

**Q2.** In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No Error'.

We will continue to (1)/strive in dark (2)/but we will not driven out (3) / No error (4)/

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

**Q3.** In the following question, the sentence given with blank to be filled in with an appropriate word.Select the correct alternative out of the four and indicate it by selecting the appropriate option.

She cannot deprive him_____his rights.

**(a)** for
**(b)** from
**(c)** of
**(d)** with

**Q4.** In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

My uncle, Mr. Lalit Singh comes home at the _____ of the month.

**(a)** end
**(b)** gone
**(c)** bring
**(d)** returning

**Q5.** In the following question, out of the given four alternatives, select the one which best express the meaning of the given word.

Awe

**(a)** Expectation
**(b)** Admiration
**(c)** Familiarity
**(d)** Calmness

**Q6.** In the following question, out of the given four alternatives, select the one which best express the meaning of the given word.

Rejuvenate

**(a)** Update
**(b)** Destroy
**(c)** Rain
**(d)** Exhaust

**Q7.** In the following question, out of the given four alternatives, select the one which best express the meaning of the given word.

Disperse

**(a)** Eject
**(b)** Arrange
**(c)** Gather
**(d)** Collect

**Q8.** In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Stationary

**(a)** Immobile
**(b)** permanent
**(c)** Stable
**(d)** Unsteady

**Q9.** In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Progressive

**(a)** Advanced
**(b)** Continuous
**(c)** Conservative
**(d)** Dynamic

**Q10.** In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Augment

**(a)** Develop
**(b)** Enhance
**(c)** Degrade
**(d)** Increase

**Q11.** In the following question, out of the four given alternative which best expresses the meaning of the Idiom/Phrase.

Part and parcel

**(a)** Arguments for and against
**(b)** Sent the message
**(c)** An essential part
**(d)** Distribute and give away

**Q12.** In the following question, out of the four given alternative which best expresses the meaning of the Idiom/Phrase.

Fall on hard times

**(a)** Time of amusement
**(b)** Time of difficulty
**(c)** Day for adventure
**(d)** Heavy downpour of water

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**Q13.** Improve the bracketed part of the sentence.

(Being a cold day), we cancelled our picnic.

**(a)** It being a cold day
**(b)** It having been a cold day
**(c)** It been a cold day
**(d)** Not improvement

**Q14.** Improve the bracketed part of the sentence.

My daughter has a habit of (eating home-cook food).

**(a)** eating home-cooked food
**(b)** eaten home-cooking food
**(c)** to eat home-cooked food
**(d)** Not improvement

**Q15.** In the following question, out of the four given alternatives, select the alternative which is the best substitute of the phrase.

Government by person of highest social order.

**(a)** Autocracy
**(b)** Aristocracy
**(c)** Plutocracy
**(d)** Democracy

**Q16.** In the following question, out of the four given alternatives, select the alternative which is the best substitute of the phrase.

Government by a king/queen

**(a)** Dictatorship
**(b)** Monarchy
**(c)** Oligarchy
**(d)** Theocracy

**Q17.** In the following question, a word has been written in four different ways out one is correctly spelt. Select the correctly spelt word.

**(a)** Laughtro
**(b)** Laughtur
**(c)** Laughter
**(d)** Laufter

**Q18.** In the following question, a word has been written in four different ways out one is correctly spelt. Select the correctly spelt word.

**(a)** Maximom
**(b)** Maximum
**(c)** Masimum
**(d)** Macximum

**Q19.** Rearrange the parts of the sentence in correct order.

The opinion

P: opinion of many

Q: great must be the

R: that makes a book

**(a)** RQP
**(b)** QPR
**(c)** PQR
**(d)** QRP

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**Q20.** Rearrange the parts of the sentence in correct order.

We are

P: as we are alive

Q: always under the

R: stress as long

**(a)** QRP
**(b)** QPR
**(c)** PRQ
**(d)** RPQ

**Directions**

In the following passage some of the words have been left out. Read the passage carefully and select the correct option for the given blank out of the four alternatives.

We have to face____degree cold and high speed cold winds during the __winter months. In the winter __, night becomes short. Sky often looks clear however sometimes it remains__all through the day because of the thick fog during peak cold months. Sometimes it rains also during the winter season and makes condition_____.

**Q21.** We have to face _____degree

**(a)** heavy
**(b)** many
**(c)** low
**(d)** high

**Q22.** during the _____winter months.

**(a)** peak
**(b)** speak
**(c)** sneak
**(d)** tweak

**Q23.** In the winter_____,

**(a)** climate
**(b)** season
**(c)** reason
**(d)** plain

**Q24.** Clear however sometimes it remains _____all through

**(a)** clear
**(b)** blue
**(c)** unclear
**(d)** same

**Q25.** season and makes condition_____,

**(a)** worse
**(b)** better
**(c)** abnormal
**(d)** normal

## GENERAL INTELLIGENCE & REASONING

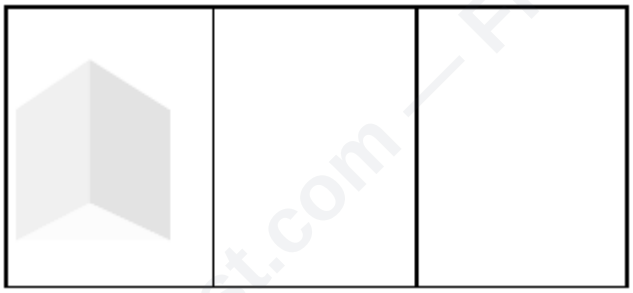
**Q26.** In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

| 1 | 2 | 4 |
|---|---|---|
| 6 | 7 | 2 |

| | | |
|---|---|---|
| 3 | 4 | 5 |
| 19 | 30 | ? |

**(a)** 12
**(b)** 14
**(c)** 16
**(d)** 20

**Q27.** How many rectangles are there in the given figure?



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

**Q28.** A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are resented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matix-I are numbered from 0 to 4 and that a Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and row and next by its column, for example, 'Y' can be represented by 21, 87 etc., and 'L' can be represented by 32, 78 etc. Similarly, you have to identify the set for the word "TOWEL".

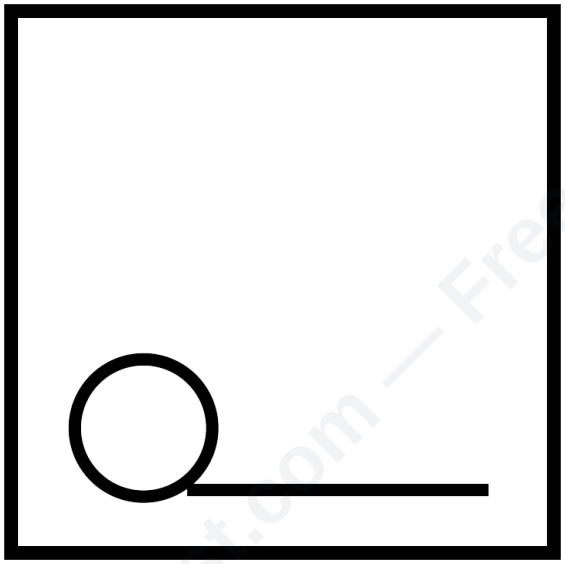
| **Matrix-I** | | | | | |
|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 |
| 0 | C | E | G | I | K |
| 1 | M | O | Q | S | U |
| 2 | W | Y | A | D | B |
| 3 | H | J | L | N | P |
| 4 | R | T | V | X | Z |

| **Matrix-II** | | | | | |
|---|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 |
| 5 | K | M | F | H | Z |
| 6 | I | B | O | J | K |
| 7 | G | Q | A | L | V |
| 8 | E | H | Y | N | T |
| 9 | C | U | W | P | R |

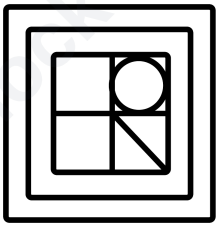
**(a)** 41, 67, 20, 03, 78
**(b)** 89, 67, 98, 01, 33
**(c)** 89, 11, 20, 85, 32
**(d)** 41, 11, 97, 03, 32

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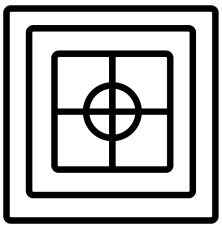
**Q29.** From the given answer figures, select the one in which the question figure is hidden/embedded.



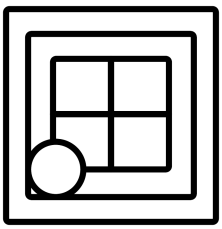
**(a)**



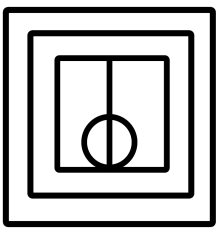
**(b)**



**(c)**

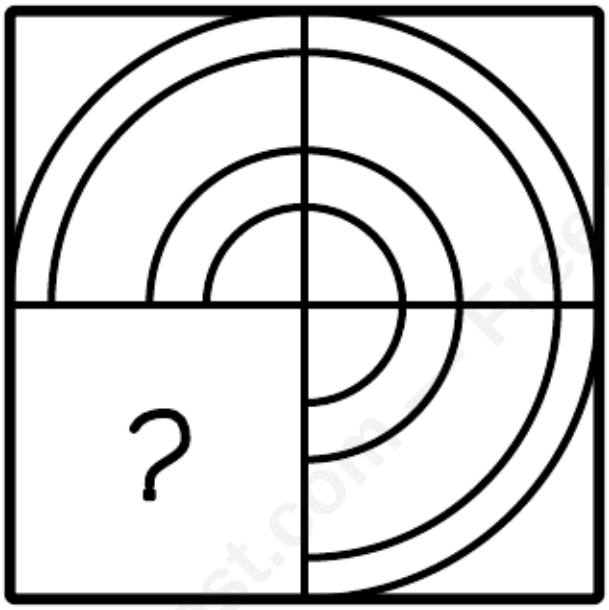


**(d)**

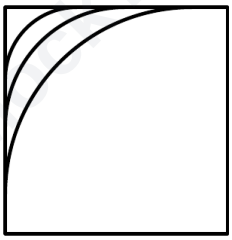


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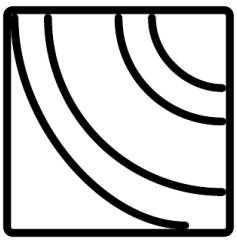
**Q30.** Which answer figure will complete the pattern in the question figure?



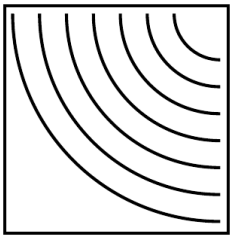

**(a)**



**(b)**



**(c)**

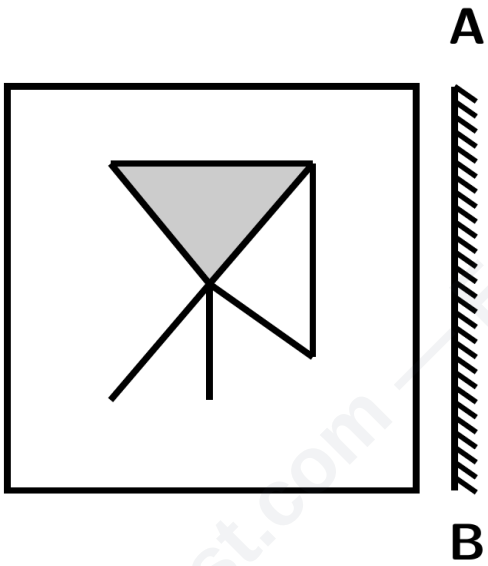


**(d)**

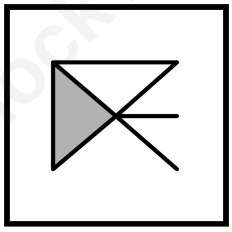


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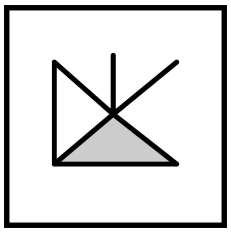
**Q31.** If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



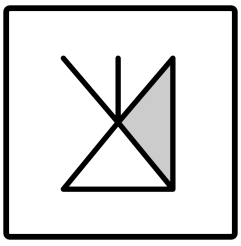

(a)



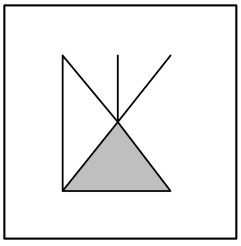
(b)



(c)

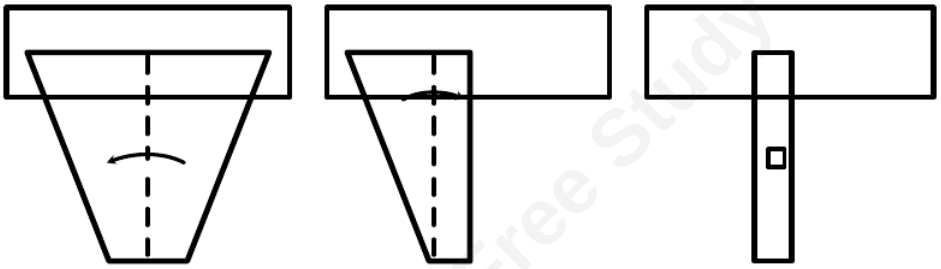


(d)

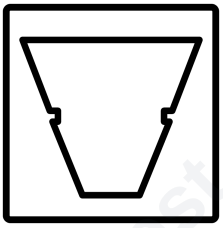


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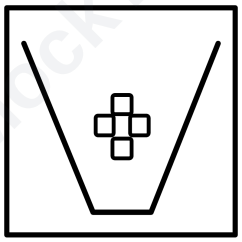
**Q32.** A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



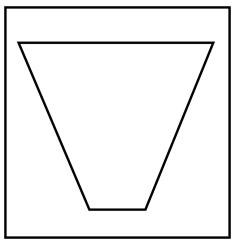
**(a)**



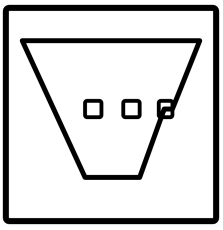
**(b)**



**(c)**



**(d)**



**Q33.** If '–' means '+','+' means '– ', '×' means '÷' and '÷' means '×', then 126 × 3 ÷ 10 – 6 = ?

**(a)** 420
**(b)** 356
**(c)** 326
**(d)** 426

**Q34.** If 15 + 29 + 15 = 291515 and 16 + 28 + 31 = 281631, then 19 + 35 + 9 = ?

**(a)** 35911
**(b)** 35199
**(c)** 35991

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**(d)** 31995

**Q35.** Arrange the given words in the sequence in which they occur in the dictionary.

1. Wept
2. Wings
3. Winger
4. Waller
5. Wesley

**(a)** 45123
**(b)** 45231
**(c)** 41532
**(d)** 41523

**Q36.** In the following question, select the missing number from the given alternatives.

46, 56, ?, 79, 92, 106

**(a)** 68
**(b)** 67
**(c)** 69
**(d)** 66

**Q37.** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

SAP, UCN, WEL, YGJ, ?

**(a)** AIH
**(b)** BJH
**(c)** AJK
**(d)** BIK

**Q38.** In the following question, select the odd word from the given alternatives.

**(a)** Orange
**(b)** Mango
**(c)** Potato
**(d)** Grapes

**Q39.** In the following question, select the odd number pair from the given alternatives.

**(a)** 36 – 80
**(b)** 12 – 30
**(c)** 24 – 60
**(d)** 28 – 70

**Q40.** In the following question, select the odd letter pair from the given alternatives.

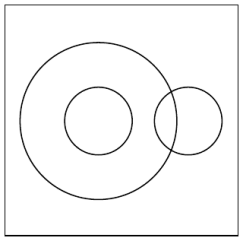
**(a)** LMNO – LMON
**(b)** PQRS – QPSR
**(c)** EFGH – FEHG
**(d)** TUVW – UTWV

**Q41.** Identify the diagram that best represents the relationship among the given classes.

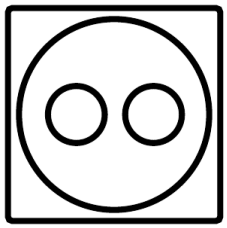
Red, Car, Bike

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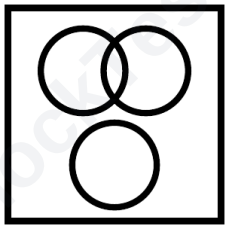
**(a)**



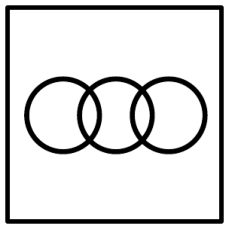
**(b)**



**(c)**



**(d)**



**Q42.** In the following question, select the related word from the given alternatives.

Pen : Write :: Knife : ?

**(a)** Cut
**(b)** Sword
**(c)** Sharp
**(d)** Fruit

**Q43.** In the following question, select the related number from the given alternatives.

23 : 25 :: 36 : ?

**(a)** 49
**(b)** 81
**(c)** 64
**(d)** 100

**Q44.** In the following question, select the related letters from the given alternatives.

MAX : NYA :: BOT : ?

**(a)** ANV
**(b)** CMW
**(c)** CNW
**(d)** AMW

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**Q45.** In the following question, select the word which cannot be formed using the letters of the given word.

DISAMBIGUATION

**(a)** RATION
**(b)** BAIN
**(c)** GAIN
**(d)** SAND

**Q46.** B and Q are brother. Q is son of L. L is brother of J. J is son of N. How is B related to N?

**(a)** Son
**(b)** Brother
**(c)** Grandson
**(d)** Father

**Q47.** There are 39 pens in a row. The red pen is 9^(th) from the left end and the green pen is 21^(st) from the left end. How many pens are there between red and green pen?

**(a)** 11
**(b)** 12
**(c)** 10
**(d)** 13

**Q48.** In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All pen are chairs.

II. All chairs are tables.

Conclusions:

I. Some chairs are pen.

II. Some chairs are tables.

**(a)** Only conclusion (I) follows
**(b)** Only conclusion (II) follows
**(c)** Both conclusion follows
**(d)** Neither conclusion (I) nor conclusion (II) follows

**Q49.** In a certain code language, “MULTI” is written as “NTKSH”. How is “METER” written in that code language?

**(a)** NDSDQ
**(b)** NDSDR
**(c)** NESEQ
**(d)** NDSER

**Q50.** In a certain code language, “BOOK” is written as “86” and “READ” is written as “56”. How will “GOOD” be written in that code language?

**(a)** 43
**(b)** 82
**(c)** 88
**(d)** 68

## NUMERICAL APTITUDE

**Q51.** What is the unit digit of 178 × 593 + 157?

**(a)** 1
**(b)** 2
**(c)** 3
**(d)** 7

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**Q52.** What is the value of $(3.7)^2 - (1.7)^2$?

**(a)** 5.4
**(b)** 10.8
**(c)** 7.2
**(d)** 9.6

**Q53.** What is the value of $3^1 + 3^{(-1)} + 3^2 + 3^{(-2)}$?

**(a)** 112/9
**(b)** 16/3
**(c)** 4/3
**(d)** 109/9

**Q54.** A number when divided by 16 leaves remainder 8. What is the remainder when the same number is divided by 8?

**(a)** 0
**(b)** 2
**(c)** 6
**(d)** 4

**Q55.** Which of the given value is completely divisible by 12?

**(a)** 3470
**(b)** 7236
**(c)** 1426
**(d)** 2427

**Q56.** Which of the following is not a perfect square?

**(a)** 1024
**(b)** 1089
**(c)** 676
**(d)** 749

**Q57.** X, Y and Z can complete a work in 15, 45 and 90 days respectively. In how many days X, Y and Z together can complete the same work?

**(a)** 12
**(b)** 11
**(c)** 9
**(d)** 10

**Q58.** U, V and W together can complete a work in 15 days. U alone can complete the work in 60 days. In how many days V and W together can complete the same work?

**(a)** 10
**(b)** 20
**(c)** 14
**(d)** 12

**Q59.** If the diagonal of a square is 10 cm, then what is the area (in $cm^2$) of the square?

**(a)** $50\sqrt{2}$
**(b)** 50
**(c)** $25\sqrt{2}$
**(d)** 25

**Q60.** Marked price of an article is 30% more than its cost price. If 30% discount is given, then what will be the loss percentage?

**(a)** 0
**(b)** 9
**(c)** 6

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**(d)** 8

**Q61.** After giving a discount of 40% on an article, shopkeeper gains 25%. Marked price is how much percent more than the cost price?

**(a)** 65
**(b)** 87.5
**(c)** 112.5
**(d)** 108.33

**Q62.** 200 is divided into two parts in such a way that the sixth part of the first and the half part of the second are in the ratio 1 : 1. What will be the value of the second part?

**(a)** 150
**(b)** 125
**(c)** 75
**(d)** 50

**Q63.** Two rice of prices 60 Rs/kg and 80 Rs/kg are mixed in the ratio of 3 : 2. What will be the price (in Rs/kg) of mixture?

**(a)** 68
**(b)** 72
**(c)** 65
**(d)** 74

**Q64.** Average of 7 consecutive numbers is A. If 2 numbers which are before these 7 numbers are also taken, then what will be the new average?

**(a)** A - 1
**(b)** A - 0.5
**(c)** A + 1.5
**(d)** A

**Q65.** An article is purchased for Rs. 4200 and sold for Rs. 4830. What is the profit percentage?

**(a)** 12
**(b)** 10
**(c)** 15
**(d)** 18

**Q66.** An article is sold for Rs. 4800 at a loss of 20%. What is the cost price (in Rs.) of the article?

**(a)** 5500
**(b)** 6000
**(c)** 7200
**(d)** 5800

**Q67.** What is the value of [(25% of 240) + (6% of 1200)]/(4% of 400) ?

**(a)** 6.25
**(b)** 7.75
**(c)** 8.25
**(d)** 8.75

**Q68.** What is the value of [(11% of 1200) + (10% of 1400)]/(2% of 250)?

**(a)** 48.2
**(b)** 54.4
**(c)** 72.8
**(d)** 38.4

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**Q69.** A train is moving at a speed of 56 km/hr covers a certain distance in 8 hours. If the same distance is to be covered in 7 hours, then what will be the speed (in km/hr) of the train?

**(a)** 64
**(b)** 54
**(c)** 48
**(d)** 63

**Q70.** Speed of a boat is 6 km/hr is still water and the speed of the stream is 1 km/hr. If the boat takes 12 hours to go to a place and come back, then what is the distance (in km) of the place?

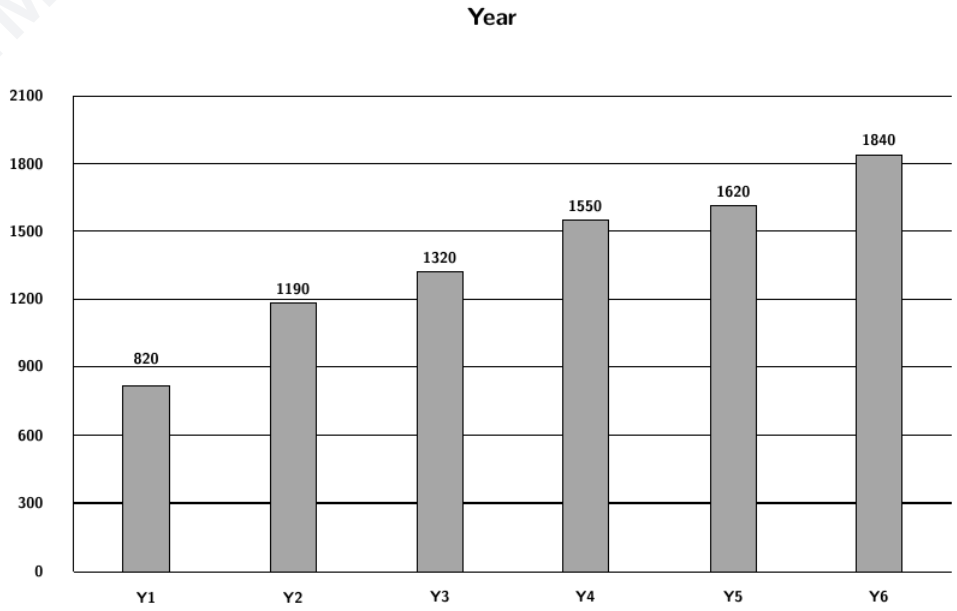
**(a)** 21
**(b)** 28
**(c)** 35
**(d)** 70

**Q71.** Rs. 3500 are invested for 3 years in a scheme of simple interest at a rate of 16% per annum. What will be the amount (in Rs.) obtained after 3 years?

**(a)** 5050
**(b)** 7200
**(c)** 5180
**(d)** 4500

**Directions**

Direction: The bar chart given below shows the number of flights of Air India in 6 consecutive years.




**Q72.** What is average number of flights per year?

**(a)** 14200
**(b)** 13900
**(c)** 13500
**(d)** 14400

**Q73.** As compared to previous year, which year shows the maximum increase in number of flights?

**(a)** Y4
**(b)** Y2
**(c)** Y6
**(d)** None of these

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**Q74.** Number of flights in Y6 are how much percent more than number of flights in Y1?

**(a)** 124.4
**(b)** 126.8
**(c)** 118.2
**(d)** 114.3

**Q75.** Number of flights of Y2 are what percent of number of flights of Y5?

**(a)** 69.26
**(b)** 71.66
**(c)** 67.18
**(d)** 73.45

## GENERAL AWARENESS

**Q76.** How many 'factors of production' are there?

**(a)** One
**(b)** Four
**(c)** Six
**(d)** Eight

**Q77.** Agriculture comes under which sector of economic activity?

**(a)** Secondary sector
**(b)** Primary sector
**(c)** Tertiary sector
**(d)** Quaternary sector

**Q78.** Duncan Pass is located between which of the followings places?

**(a)** North Andaman and Central Andaman
**(b)** Southern Andaman and Central Andaman
**(c)** Southern Andaman and Little Andaman
**(d)** Car Nicobar and Little Andaman

**Q79.** Who is the Chairman of Rajya Sabha?

**(a)** Speaker
**(b)** Vice President of India
**(c)** Prime Minister of India
**(d)** None of these

**Q80.** Which among the following is known as the earliest period in history?

**(a)** Palaeolithic
**(b)** Mesolithic
**(c)** Microlith
**(d)** Neolithic

**Q81.** During 1850's, Britain came to be known as _____.

**(a)** Mini continent
**(b)** Workshop of the world
**(c)** Labour king
**(d)** Factory owner

**Q82.** The sun, the moon and all those objects shining in the night sky are called as_____.

**(a)** Star
**(b)** Satellite
**(c)** Celestial bodies
**(d)** Milky Way

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**Q83.** Which imaginary line running on the globe divides it into two equal parts?

**(a)** Tropic of Cancer
**(b)** Tropic of Capricorn
**(c)** Equator
**(d)** None of these

**Q84.** Which type of plants have their branches in the upper part of the stem, much above the ground?

**(a)** Shrubs
**(b)** Trees
**(c)** Herbs
**(d)** None of the above

**Q85.** Plants with green and tender stems are called as_____.

**(a)** Herbs
**(b)** Shrubs
**(c)** Trees
**(d)** None of the above

**Q86.** The covering of lungs is called as _____.

**(a)** Pericardium
**(b)** Pleural membrane
**(c)** Perichondrium
**(d)** Peritoneum

**Q87.** Unit of acceleration is_____.

**(a)** m/s
**(b)** $s^2/m$
**(c)** $m/s^2$
**(d)** $m^2/s^2$

**Q88.** The distance travelled by a freely falling body is proportional to which among the following?

**(a)** The mass of the body
**(b)** The square of the time of fall
**(c)** The square root of the time of fall
**(d)** The time of fall

**Q89.** Which of the following is NOT an input device?

I. Keyboard
II. Mouse
III. Monitor

**(a)** Both I and II
**(b)** Only III
**(c)** Both II and III
**(d)** Only II

**Q90.** Molecules in Solids_____

**(a)** are free to move about
**(b)** cannot move
**(c)** interchange positions frequently
**(d)** are spherical in shape

**Q91.** Which of the following is not an element?

**(a)** Sodium
**(b)** Tin
**(c)** Water

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**(d)** Carbon

**Q92.** The Upper limit of the layer where all the space between particles of soil and gaps between rocks are filled with water is called what?

**(a)** Water cycle
**(b)** Water table
**(c)** Groundwater
**(d)** Aquifer

**Q93.** In Which year Pradhan Mantri Jan Dhan Yojana was launched?

**(a)** 2013
**(b)** 2014
**(c)** 2015
**(d)** 2016

**Q94.** Who among the following discovered Radium?

**(a)** Marie Curie
**(b)** Albert Einstein
**(c)** R.A. Milikan
**(d)** Pavel Schilling

**Q95.** With which sport is “wide ball” associated?

**(a)** Cricket
**(b)** Hockey
**(c)** Football
**(d)** Table Tennis

**Q96.** Hindu Pilgrimage centre Sabarimala is located in which state?

**(a)** Maharashtra
**(b)** Kerala
**(c)** Uttar Pradesh
**(d)** Madhya Pradesh

**Q97.** Who won the Best FIFA Men’s player award 2016?

**(a)** Cristiano Ronaldo
**(b)** Wayne Rooney
**(c)** Neymar Junior
**(d)** Fernando Torres

**Q98.** Who is the author of the book named “My Country My Life”?

**(a)** Mamata Banerjee
**(b)** L.K. Advani
**(c)** Raghav Bahl
**(d)** Daman Singh

**Q99.** Basel Convention is an international treaty that was designed_____.

**(a)** to reduce movement of hazardous waste (except radioactive wastes) between nations.
**(b)** to reduce movement of radioactive wastes only between nations
**(c)** to encourage waste disposal
**(d)** None of these

**Q100.** Which among the following neighbouring countries of India is not landlocked?

**(a)** Myanmar
**(b)** Bhutan
**(c)** Nepal

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**(d)** Afghanistan

## 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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