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# SSC GD Exam

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Simplifying  
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# Reasoning

## Instructions

For the following questions answer them individually

### Question 1

Identify the correct option to complete the following series.

5, 8, 13, 20, 29, ....., 53, 68, 85

A 40

B 39

C 35

D 36

Answer: A

### Question 2

Identify the number that is different from the rest.

A 625

B 115

C 125

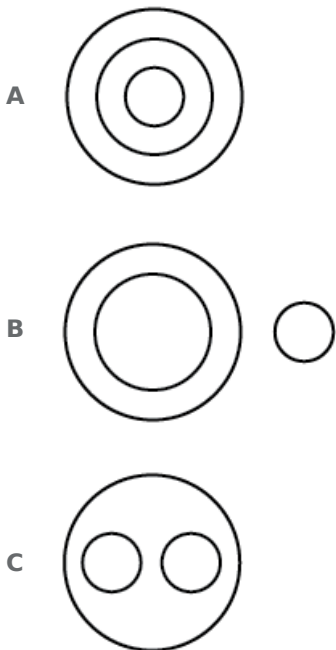
D 25

Answer: B

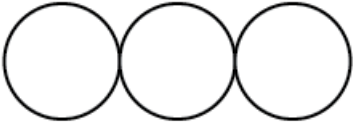
### Question 3

Select the Venn diagram that best illustrates the relationship between the three given classes.

Languages, Hindi, Malayalam



D



Answer: C

#### Question 4

A medical representative plans to visit each of six hospitals — A, B, C, D, E and F — exactly once during the course of one day. He is setting up his schedule for the day according to the following conditions:

- i. He must visit A before B and E.
- ii. He must visit B before D.
- iii. The third hospital he visits must be C.

Which of the following could be the order in which the medical representative visits the six hospitals?

- A A, F, C, D, E, B
- B C, E, A, B, D, F
- C C, F, A, E, D, B
- D A, B, C, D, E, F

Answer: D

#### Question 5

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

Statements:

No cat is a monkey.

No monkey is a cow.

Conclusions:

- I. No cat is a cow.
- II. Some cows are monkeys.

- A Only conclusion I follows.
- B Only conclusion II follows.
- C Neither conclusion I nor conclusion II follows.
- D Both conclusions I and II follow.

Answer: C

#### Question 6

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

ACE : EIM :: DFH : ?

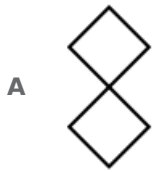
- A PLH
- B HPL
- C PHL

D HLP

Answer: D

**Question 7**

Select the option in which the given figure is embedded.



Answer: D

**Question 8**

Identify the correct option to complete the following series.

50, 49, 47, 44, 40, 35, ....., 22

A 30

B 27

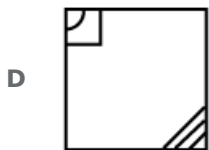
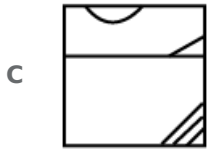
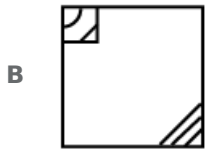
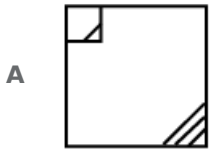
C 29

D 25

Answer: C

Question 9

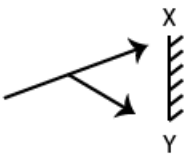
Select a figure from amongst the four alternatives, that when placed in the blank space (?) of figure X will complete the pattern. (Rotation is not allowed).



Answer: B

Question 10

Choose the alternative which most closely resembles the mirror image of the given figure when mirror is placed at right side.



D



Answer: B

**Question 11**

If **KITCHEN** is coded as **LKWGMKU**, then **SHAMPOO** will be coded as .....

A TIDQUUV

B TIDQTUU

C TIDQTUV

D TJEQUUV

Answer: A

**Question 12**

Identify the odd pair from the following.

A Eagle : Swoop

B Pig : Sty

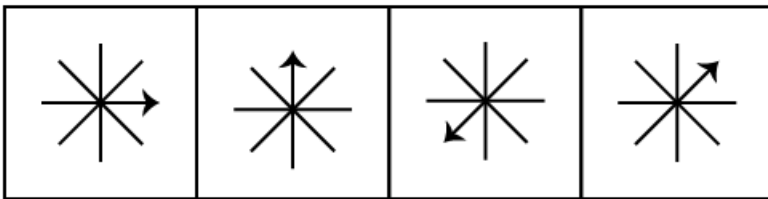
C King : Palace

D Bird : Nest

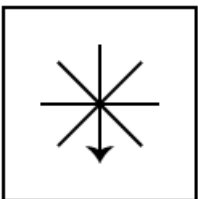
Answer: A

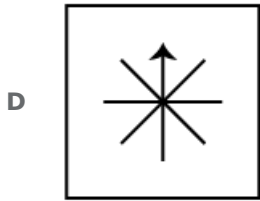
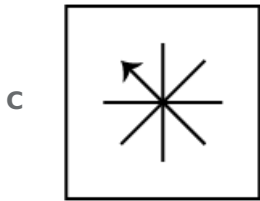
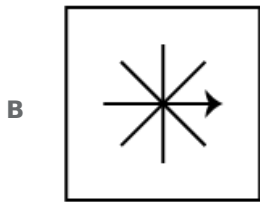
**Question 13**

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



A





**Answer: A**

#### Question 14

In the following number series, two numbers have been put within brackets. Study the series carefully and select the correct alternative with respect to the series.

3, 9, (27), 81, (243), 729, 2187

- A** The first bracketed number (from the left) is correct and the second is incorrect.
- B** Both the bracketed numbers are correct.
- C** Both the bracketed numbers are incorrect.
- D** The first bracketed number (from the left) is incorrect and the second is correct.

**Answer: B**

#### Question 15

'Athletics' is related to 'Stadium' in the same way as 'Skating' is related to .....

- A** Ground
- B** Track
- C** Rink
- D** Court

**Answer: C**

#### Question 16

Seven employees, T, U, V, W, X, Y and Z, reach their factory in a particular sequence. Y reaches immediately before T but does not immediately follow W. V is the last one to reach. X immediately follows T and is subsequently followed by Z. W reaches before T. Who is the second to reach the factory?

- A U
- B X
- C W
- D Z

**Answer:** A

**Question 17**

If B = 3 and H = 9, then SCHOOL = .....

- A 78
- B 76
- C 69
- D 96

**Answer:** A

**Question 18**

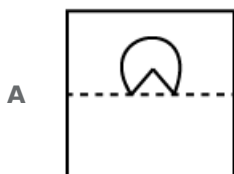
Identify the odd one from the following.

- A Volume
- B Small
- C Height
- D Weight

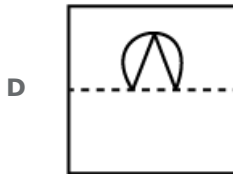
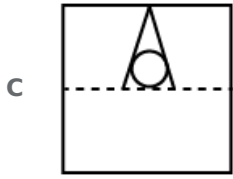
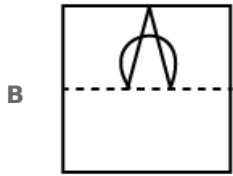
**Answer:** B

**Question 19**

A square transparent sheet with a pattern is given. How will the pattern appear when the transparent sheet is folded along the dotted line?







**Answer: D**

**Question 20**

Identify the odd one from the following.

- A** EV
- B** KP
- C** DX
- D** HS

**Answer: C**

**Question 21**

Six students are sitting in a row. Akbar is to the left of the person sitting in the middle, but to the right of Sekar. Prakash is to the right of Deva, and Ram is to the right of Prakash. Ram is second from the person sitting in the middle. Who is the person sitting in the middle?

- A** Sekar
- B** Akbar
- C** Deva
- D** Ram

**Answer: C**

### Question 22

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

All papers are books.

All books are papaya.

Conclusion

I. All papers are papaya.

II. Some papayas are papers.

- A Only conclusion I follows.
- B Neither conclusion I nor conclusion II follows.
- C Only conclusion II follows.
- D Both conclusions I and II follow.

Answer: D

### Question 23

Which two signs need to be interchanged to make the given equation correct?

$$20 \div 20 + 20 - 20 \times 20 = 20$$

- A + and  $\div$
- B + and -
- C  $\div$  and  $\times$
- D + and  $\times$

Answer: B

### Question 24

Select the term that will come next in the following series.

a, cd, fgh, jklm, opqrs, .....

- A uvwxyz
- B vwxyza
- C ouvwsy
- D tuvwxxy

Answer: A

### Question 25

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

$$\frac{5}{6} : 121 :: \frac{8}{9} : \dots\dots\dots$$

- A 145

**B** 300

**C** 289

**D** 356

**Answer:** C

## General knowledge

### Instructions

For the following questions answer them individually

### Question 26

The directional growth movement in plants due to touch is called .....

**A** thigmonasty

**B** geotropism

**C** phototropism

**D** chemotropism

**Answer:** A

### Question 27

The deltas of the Mahanadi and the Godavari are rich in ..... soil.

**A** black

**B** arid

**C** forest

**D** alluvial

**Answer:** D

### Question 28

A person with the blood group ..... is considered to be a universal donor.

**A** O negative

**B** AB positive

**C** AB negative

**D** O positive

**Answer:** A

**Question 29**

**When was the Planning Commission set up?**

- A** 2019
- B** 2000
- C** 1947
- D** 1950

**Answer:** D

**Question 30**

**The three-tier system of local government does NOT include the .....**

- A** Panchayat Samiti
- B** Village Committee
- C** Gram Panchayat
- D** Zila Parishad

**Answer:** B

**Question 31**

**The United States of America adopted a democratic constitution in .....**

- A** 1932
- B** 1787
- C** 1877
- D** 2000

**Answer:** B

**Question 32**

**In which battle Napoleon was defeated?**

- A** Ligny
- B** Jena
- C** Waterloo
- D** Arcole

**Answer:** C

**Question 33**

**Which of the following is the hardest substance?**

- A** Coal
- B** Diamond
- C** Silver
- D** Iron

**Answer:** B

**Question 34**

**The Statue of Unity in India is the world's tallest statue of .....**

- A** M.K Gandhi
- B** Sardar Vallabhbhai Patel
- C** Vinoba Bhave
- D** Dr B.R Ambedkar

**Answer:** B

**Question 35**

**Begum Hazrat Mahal is associated to which of the following revolts of India?**

- A** Moplah Revolt 1921
- B** Paik Revolt 1817
- C** Gond Revolt 1941
- D** Sepoy Mutiny 1857

**Answer:** D

**Question 36**

**The National Rural Employment Guarantee Act was passed in .....**

- A** 2005
- B** 1900
- C** 2019
- D** 2000

**Answer:** A

**Question 37**

**Name the famous Indian cricketer who wrote the book 'A Century Is Not Enough'.**

- A** Virender Sehwag
- B** Virat Kohli
- C** Sachin Tendulkar
- D** Sourav Ganguly

**Answer:** D

**Question 38**

..... won the Miss World 2017 pageant.

- A** Lara Dutta
- B** Anukreethy
- C** Manushi Chhillar
- D** Yukta Mukhi

**Answer:** C

**Question 39**

..... is a dance form which represents a unique synthesis of Hindu and Muslim genius in art.

- A** Kathak
- B** Manipuri
- C** Odissi
- D** Kathkali

**Answer:** A

**Question 40**

The smallest living bird is the .....

- A** hummingbird
- B** canary
- C** house sparrow
- D** dove

**Answer:** A

**Question 41**

The largest backwater lake in Odisha is .....

- A** Dal lake
- B** Wular lake

- C Chilika lake
- D Pulicat lake

**Answer: C**

**Question 42**

**In India, currency notes of ₹ 500 and ₹ 1,000 were declared invalid in the year?**

- A 1998
- B 2019
- C 2016
- D 2001

**Answer: C**

**Question 43**

**The first lady Indian Air Force officer to fly MIG 21 is .....**

- A Khusboo Mehta
- B Bhavna Sharma
- C Anjali Gupta
- D Avani Chaturvedi

**Answer: D**

**Question 44**

**Which of the following is NOT a multicellular animal?**

- A Amoeba
- B Cat
- C Human
- D Horse

**Answer: A**

**Question 45**

**Prithvi Raj Chauhan was defeated at the hands of ....., in the battle of Tarain, 1192.**

- A Mohammad Ghori
- B Harun Al Rashid
- C Abu Bakr

**D** Umar IT

**Answer:** D

**Question 46**

**Which state has the largest coast line?**

**A** Karnataka

**B** Kerala

**C** Tamil Nadu

**D** Gujarat

**Answer:** D

**Question 47**

**The All-India War Memorial, built in the memory of the Indian soldiers who laid down their lives in the First World War, is known today as .....**

**A** Char Minar

**B** Lal Qila

**C** Jama Masjid

**D** India Gate

**Answer:** D

**Question 48**

**Which Hindi movie is based on the Indian hockey team on their first Olympic gold since India became independent?**

**A** Lagaan

**B** MS Dhoni

**C** Gold

**D** Chak De

**Answer:** C

**Question 49**

**Identify the author of the book "Straight from the heart"**

**A** Sachin Tendulkar

**B** Kapil Dev

**C** M.S. Dhoni

**D** Saurav Ganguly



Answer: B

### Question 50

Which country gave universal suffrage since the 19<sup>th</sup> century?

- A Sri Lanka
- B India
- C Pakistan
- D New Zeland

Answer: D

## Quant

### Instructions

For the following questions answer them individually

### Question 51

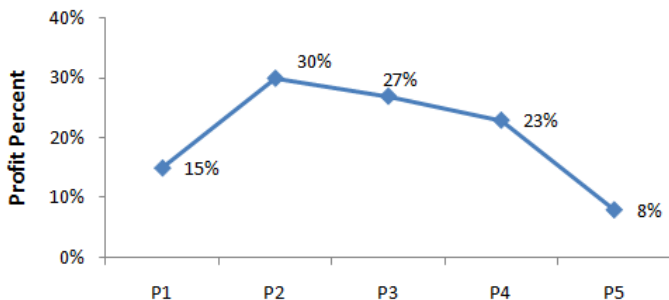
A person purchased 12 bags of sugar at the rate of ₹ 1200 per bag, 8 bags at the rate of ₹ 1500 per bag and 10 bags at the rate of ₹ 2100 per bags. What will be the average cost of all the bags together?

- A ₹ 1420
- B ₹ 1680
- C ₹ 1580
- D ₹ 1640

Answer: C

### Question 52

The line chart given below shows the profit percentage of a company on 5 different products P1, P2, P3, P4 and P5.



The expenditure of product P5 is ₹ 46000. What is revenue of product P5?

- A ₹52780
- B ₹9680

C ₹47360

D ₹4600

**Answer: B**

**Question 53**

A bowler has taken 0, 3, 2, 1, 5, 3, 4, 5, 5, 2, 2, 0, 0, 1 and 2 wickets in 15 consecutive matches. What is the median of the given data?

A 1

B 3

C 0

D 2

**Answer: D**

**Question 54**

A sum of ₹ 9800 gives simple interest of ₹ 4704 in 6 years. What will be the rate of interest per annum?

A 9%

B 8.5%

C 8%

D 7.5%

**Answer: C**

**Question 55**

What is the value of  $7\frac{1}{4} + [6 + (5 - 8 \div 4) - 1]$ ?

A  $\frac{61}{4}$

B  $\frac{29}{2}$

C  $\frac{23}{2}$

D  $\frac{57}{4}$

**Answer: A**

**Question 56**

If Rohit can cover a distance of 1188 km in 22 hours, then what is the speed of Rohit?

A 54 m/s

B 25 m/s

C 15 m/s

D 48 m/s

Answer: C

**Question 57**

The average weight of a group of 24 students increases by 2 kg when the weight of teacher is also included. If the initial average weight of the group of 24 students was 30 kg, then what is the weight of teacher?

A 32 kg

B 82 kg

C 80 kg

D 92 kg

Answer: C

**Question 58**

Selling price and cost price of an article are ₹ 1333 and ₹ 2150. What will be the loss percentage?

A 38%

B 61.30%

C 48%

D 54.4%

Answer: A

**Question 59**

If the diameter of a circle increases by 15%, then what will be the percentage increase in its area?

A 35.75%

B 30.3%

C 25%

D 32.25%

Answer: D

**Question 60**

Mohit goes to his office at the speed of 10 m/s and returns to his home at the speed of  $x$  km/hr. If average speed of Mohit for the whole journey is 12 m/s, then what is the value of  $x$ ?

A 25 km/hr

B 15 km/hr

C 36 km/hr

D 54 km/hr

**Answer: D**

**Question 61**

If  $A : B = 7 : 8$  and  $B : C = 7 : 9$ , then what is the ratio of  $A : B : C$  ?

- A 56 : 49 : 72
- B 49 : 56 : 72
- C 56 : 72 : 49
- D 72 : 56 : 49

**Answer: B**

**Question 62**

Rohit multiplies a number by 2 instead of dividing the number by 2. Resultant number is what percentage of the correct value?

- A 200%
- B 300%
- C 50%
- D 400%

**Answer: D**

**Question 63**

The perimeter of a square and a circle are same. If the area of the circle is  $1386 \text{ cm}^2$ , then what will be the area of the square?

- A  $1089 \text{ cm}^2$
- B  $841 \text{ cm}^2$
- C  $1024 \text{ cm}^2$
- D  $1225 \text{ cm}^2$

**Answer: A**

**Question 64**

Rohan purchased tables at the rate of ₹ 275 per table. If he sells 16 tables for ₹ 5060, then what will be the profit percentage?

- A 13.04%
- B 16%
- C 15%

**D** 12.5%

**Answer:** C

**Question 65**

**If Highest common Factor of two numbers is 8, then which of the following cannot be their Least Common Multiple?**

**A** 72

**B** 24

**C** 68

**D** 48

**Answer:** C

**Question 66**

**P and Q together can complete a work in 105 days. Q and R together can complete the same work in 90 days, P and R together can complete the same work in 126 days. In how many days P, Q and R together can complete the same work?**

**A** 70 days

**B** 74 days

**C** 76 days

**D** 72 days

**Answer:** A

**Question 67**

**A alone can complete a work in 14 days and B alone can complete the same work in 21 days. A and B start the work together but A leaves the work after 4 days of the starting of work. In how many days B will complete the remaining work?**

**A** 9 days

**B** 16 days

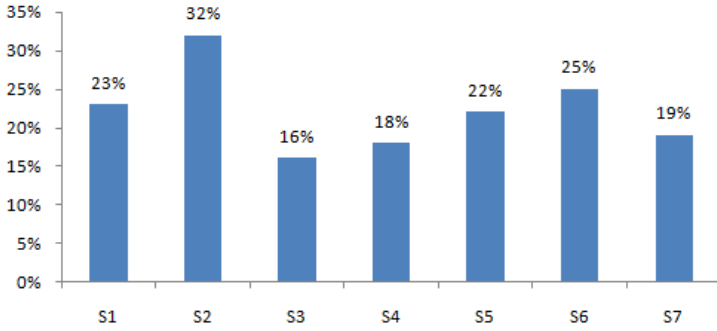
**C** 12 days

**D** 11 days

**Answer:** D

### Question 68

The bar chart given below shows the amount of sugar used in making 7 different varieties of sweets S1, S2, S3, S4, S5, S6 and S7 has been shown as a percentage of total weight of the sweet.



The combined weight of sweet S5 and S3 is 300 kg. What is the total amount of sugar used in these two sweets together?

- A Cannot be determined
- B 54 kg
- C 57 kg
- D 60 kg

Answer: A

### Question 69

The marked price of a chair and a table are in the ratio 2:3 respectively. The shopkeeper gives 20% discount on the chair. If the combined discount on both the chair and the table is 26%, then what will be the discount given on the table?

- A 34%
- B 32%
- C 30%
- D 28%

Answer: C

### Question 70

In a Company, number of engineers doubles itself in every 2 years. In how much time will the number of engineers become 1024 times of its original number?

- A 12 years
- B 20 years
- C 15 years
- D 24 years

Answer: B

**Question 71**

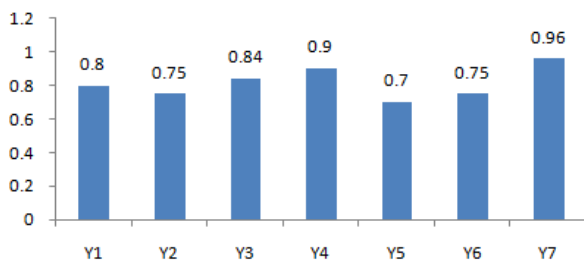
**A : B = 5 : 8 and B : C = 11 : 13. If A = 110, then what is the value of C ?**

- A** 176
- B** 104
- C** 208
- D** 88

**Answer: C**

**Question 72**

**The bar chart given below shows the ratio of expenditure to revenue for seven consecutive years Y1, Y2, Y3, Y4, Y5, Y6 and Y7.**



**In which year is the-profit highest?**

- A** Y5
- B** Y6
- C** Cannot be determined
- D** Y2

**Answer: C**

**Question 73**

**If the side of a square increases by 20%, then what will be percent increase in its perimeter?**

- A** 44%
- B** 20%
- C** 80%
- D** 40%

**Answer: B**

**Question 74**

**If  $P : Q : R = 5 : 3 : 6$ , then what will be the ratio of  $\binom{P}{Q} : \binom{Q}{R} : \binom{R}{P}$ ?**

- A** 50 : 15 : 36

**B** 50 : 45 : 36

**C** 75 : 15 : 36

**D** 40 : 12 : 27

**Answer:** A

**Question 75**

**What is the value of  $(\frac{5}{2} \text{ of } 5 \div 4 - 2 \text{ of } \frac{1}{7} \div \frac{1}{7})$ ?**

**A**  $\frac{13}{8}$

**B**  $\frac{23}{18}$

**C**  $\frac{17}{16}$

**D**  $\frac{9}{8}$

**Answer:** D

## English

**Instructions**

For the following questions answer them individually

**Question 76**

**Select the word which means the same as the group of words given.  
A disease that is prevalent in a particular area**

**A** Genetic

**B** Contagious

**C** Endemic

**D** Viral

**Answer:** C

**Question 77**

**Select the correctly spelt word.**

**A** Changeble

**B** Changable

**C** Chageable

**D** Changeable

**Answer:** D



**Question 78**

**Select the word which means the same as the group of words given.  
One who studies and cares about environment**

- A** Archeologist
- B** Ecologist
- C** Anthropologist
- D** Biologist

**Answer:** B

**Question 79**

**Select the most appropriate word to fill in the blank.  
The Prime Minister was as good as his .....**

- A** word
- B** office
- C** sword
- D** dress

**Answer:** A

**Question 80**

**Select the most appropriate word to fill in the blank.  
While in Rome we must do as Romans .....**

- A** is doing
- B** was doing
- C** had done
- D** do

**Answer:** D

**Question 81**

**Select the most appropriate word to fill in the blank.  
They never ..... those who have done wrong.**

- A** condemn
- B** outcast
- C** blame
- D** forgive

**Answer:** D

## Instructions

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

Every day for a whole year, all kinds of holy men, hermits, scholars and nobles came, and related to the priests their deeds of (1)..... , and the priests in solemn council heard their claims. At last, they decided that the one who seemed to be the greatest lover of (2)..... was a rich man who had that very year given all his (3)..... to the poor. So they gave him the plate of gold, but when he took it in his hand, it turned into (4)..... lead: though, when he dropped it on the floor, to his (5)..... , it became gold again.

### Question 82

Select the most appropriate option that will fill in the blank number 1.

- A charity
- B kindness
- C happiness
- D sympathy

Answer: A

### Question 83

Select the most appropriate option that will fill in the blank number 2.

- A destitute
- B money less
- C mankind
- D women

Answer: C

### Question 84

Select the most appropriate option that will fill in the blank number 3.

- A wealth
- B energy
- C time
- D life

Answer: A

### Question 85

Select the most appropriate option that will fill in the blank number 4.

- A gold
- B worthy

**C** worthless

**D** valuable

**Answer:** C

**Question 86**

Select the most appropriate option that will fill in the blank number 5.

**A** confusion

**B** happiness

**C** admiration

**D** amazement

**Answer:** D

**Instructions**

For the following questions answer them individually

**Question 87**

Select the antonym of the given word.

**HORIZONTAL**

**A** Parallel

**B** Financial

**C** Official

**D** Vertical

**Answer:** D

**Question 88**

From the given options, identify the segment in the sentence which contains the grammatical error.  
Does he like to go for sight seeing when he is in holiday?

**A** when he is

**B** Does he like

**C** in holiday?

**D** to go for sightseeing

**Answer:** C

**Question 89**

Select the option that means the same as the given idiom.  
In a nutshell

- A In discussion
- B In writing
- C In detail
- D In brief

**Answer:** D

**Question 90**

**Select the most appropriate word to fill in the blank.  
I make friends ..... I go.**

- A moreover
- B wherever
- C however
- D whenever

**Answer:** B

**Question 91**

**Select the synonym of the given word.  
APPARENT**

- A Considerable
- B Doubtful
- C Obvious
- D Questionable

**Answer:** C

**Question 92**

**From the given options, identify the segment in the sentence which contains the grammatical error.  
She was known for her skills in dance and music; she is equal proficient in the allied art of painting.**

- A skills in dance
- B allied art of painting
- C was known
- D is equal proficient

**Answer:** D

**Question 93**

**Select the antonym of the given word.  
ABOLISH**

- A Build
- B Affirm
- C Cancel
- D Finish

**Answer:** B

**Question 94**

**From the given options, identify the segment in the sentence which contains the grammatical error. The population of Sri Lanka are less than that of India.**

- A than that
- B Sri Lanka are
- C of India
- D The population

**Answer:** B

**Question 95**

**Select the correctly spelt word.**

- A Millennium
- B Millenium
- C Millenniumm
- D Millennium

**Answer:** D

**Question 96**

**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 football coach urged the team were give its best to the final match.**

- A No Improvement.
- B That it give its best
- C Try to give it best
- D To give its best

**Answer:** D

**Question 97**

**Select the synonym of the given word.**

**CURATIVE**

- A Tembling
- B Damaging
- C Feeding
- D Healing

**Answer:** D

#### Question 98

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.

She give me everything I asked for.

- A Is giving me everything
- B gave me everything
- C No Improvement
- D gave myself everything

**Answer:** B

#### Question 99

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.

A Study has shown that the use of mobile data in India have increased 50 times over the last three years

- A No improvement
- B has increased 50 times
- C Has been increased to 50 times
- D Is increasing 50 times

**Answer:** B

#### Question 100

Select the option that means the same as the given idiom.

To keep an eye on

- A To keep a watch
- B To be cautious
- C To follow
- D To stare

**Answer:** A



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