

DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

SSC GD

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 13

QUESTION- 80

MARKS- 160

NEGATIVE MARK- 0.50

DURATION- 60 MIN.

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.
3. There are a total of 80 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.

6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
11. 2 marks will be given for each correct answer and 0.50 marks will be deducted for each wrong answer.



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HELPLINE 90711 54445, 90711 64446, 90711 74447

Total: 80 Que.

SSC GD | Mock Test 13(English Language)

Time: 60 Min.

General Intelligence & Reasoning

- 1). If 'A' is replaced by '+'; if 'B' is replaced by '-'; 'C' is replaced by 'x' and 'D' replaced by '÷', find the value of the following equation.

27 C 9 A 15 D 3 B 16

- (a) 32 (b) 34 (c) 55 (d) 65

- 2). Select the correct option that will fill in the blank and complete the series.
27, 39, 63, _____

- (a) 79 (b) 83 (c) 99 (d) 89

- 3). VD Raman's house is 30 m to the left of a temple, which is 40 m to the north of a church. One day, VD Raman starts from his house and takes the road which is parallel to the temple-church road and walks 50 m before turning to his right. He further walks 20 m and reaches a gym.

What is difference between the straight distance between VD Raman's house and the church and the temple and the gym?

- (a) 20.7 m (b) 37.7 m (c) 50 m (d) 70.7 m

- 4). Find the missing term in the given analogous pair.

112 : 5, 15 : 4 :: ? : 7, 10 : 18

- (a) 204 (b) 402 (c) 420 (d) 240

- 5). Four pairs of words have been given, out of which three are alike in some manner, while one is different. Choose out the odd one.

- (a) Sky : Blue (b) Water : Blue (c) Blood : Red
(d) Milk : White

- 6). Select the correct option that will fill in the blank and complete the series.

3, 5, 11, 21, 35, _____, 75.

- (a) 63 (b) 73 (c) 43 (d) 53

- 7). Four numbers have been given out of which three are alike in some manner, while the fourth one is different. Choose out the odd one.

- (a) 135 (b) 108 (c) 172 (d) 153

- 8). Bromine is related to Halogen in the same way as Krypton is related to _____.

- (a) Inert Gas (b) Radioactive element (c) Metal
(d) Gas

- 9). The statements below are followed by four conclusions labeled a, b, c and d. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

- I. No lion is herbivore.
II. All herbivores are mammals.

Conclusions:

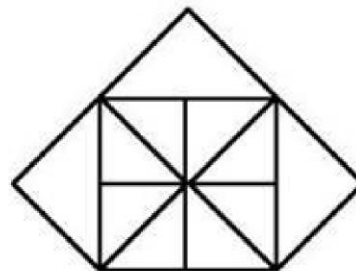
- a) No lion is mammal.
b) No mammal is lion.
c) Some mammals are herbivores.
d) All the mammals are herbivores.

- (a) Only c and d follow (b) Only c follows
(c) Only a and c follow (d) Only b and d follow

- 10). A, B, C, D, E, F, G, and H are sitting in a circle in the same order for lunch at equal distance. Their positions are clockwise. If C sits in the east, then what will be the position of B?

- (a) South (b) North-East (c) East (d) South-East

- 11). How many triangles are there in the given figure?



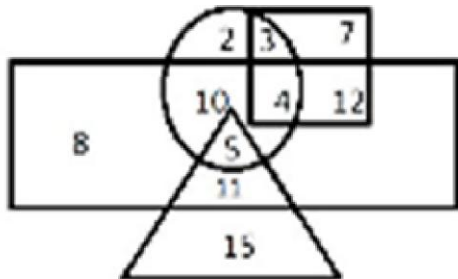
- (a) 20 (b) 15 (c) 17 (d) 19

- 12). Select the option that will fill in the blank and complete the given series.

CDZ, DGE, EJJ, FMO, GPT, ?

- (a) HSY (b) HRZ (c) GRY (d) IQX

- 13). In the Venn diagram given below, the circle represents 'North Indian', the triangle represents 'Pianists', the rectangle represents 'Males' and the square represents 'Engineers'. The numbers given in the diagram represents number of persons of that particular category. Who among the following is a female, North Indian, Engineer?



- (a) 5 (b) 3 (c) 2 (d) 7

- 14). Select the option that will fill in the blank and complete the given series.

7, 16, 40, 84, ____, 252

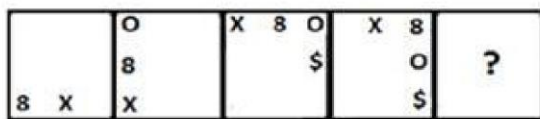
- (a) 153 (b) 149 (c) 150 (d) 151

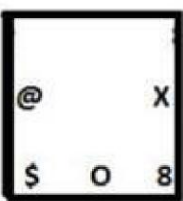
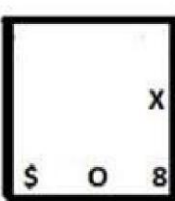
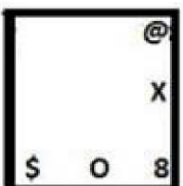
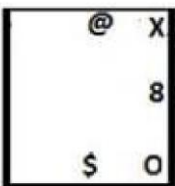
- 15). Which two signs need to be interchanged to make the following equation correct?

$$45 - 9 \div 3 + 5 \times 6 = 32$$

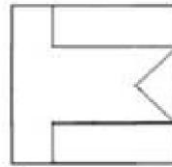
- (a) \times and $+$ (b) \div and $+$ (c) \times and \div (d) \div and $-$

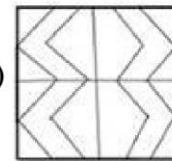
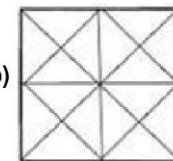
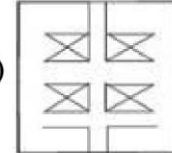
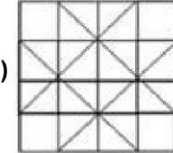
- 16). Select the figure that will come next in the following figure series.



- (a)  (b) 
(c)  (d) 

- 17). Select the option in which the given figure is embedded (Rotation is Not allowed)



- (a)  (b) 
(c)  (d) 

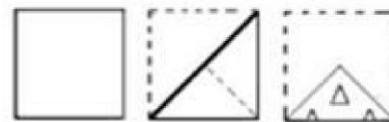
- 18). Seven professionals are standing in a row. A journalist is to the immediate right of a pharmacist and to the immediate left of a teacher. An advocate is on the immediate right of an accountant. The advocate and pharmacist have one person between them. The teacher and a doctor have two persons between them. An architect and the pharmacist have two persons between them. Who is in the middle?

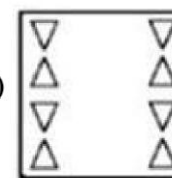
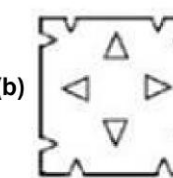
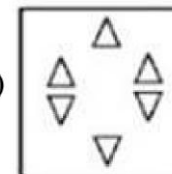
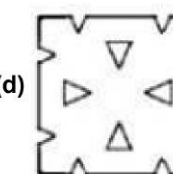
- (a) Teacher (b) Journalist (c) Pharmacist
(d) Doctor

- 19). In a certain code language, 'MACHINE' is written as 'N5XS3M4'. How will 'PREDICT' be written as in that language?

- (a) JI4V3YG (b) KI2W3YF (c) KI4W3XG
(d) K34W3XH

- 20). The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- (a)  (b) 
(c)  (d) 

General Knowledge & General Awareness

- 1). Which of the following is the national fruit of India?
(a) Mangrove Indica (b) Mangoose Indica
(c) Marvelous Indica (d) Mangifera Indica
- 2). Which of the following states has the highest life expectancy at birth?
(a) Andhra Pradesh (b) Jammu and Kashmir
(c) Himachal Pradesh (d) Kerala
- 3). Who was appointed as the new Chief Justice of India in October 2018?
(a) Indu Jain (b) Ranjan Gogoi (c) Chelameswar
(d) Venugopal
- 4). Who will replace Mr. Amandeep Gill as the Ambassador of India to the United Nations Conference on Disarmament, Geneva?
(a) Ram Kumar Sharma (b) Pankaj Udhas
(c) Pankaj Sharma (d) Alok Nath
- 5). Which State was awarded for the second maximum citizens' participation in Swachh Survekshan Gramin 2018?
(a) Goa (b) Mizoram (c) Sikkim (d) Gujarat
- 6). Who was the first scientist to be awarded two Nobel Prizes?
(a) Albert Einstein (b) Thomas Edison
(c) Marie Curie (d) Frank Templeton
- 7). The Tagore Award for Cultural Harmony for the years 2014, 2015 and 2016 were announced in Oct 2018. Who won this award for 2015?
(a) Chhayanaaut (b) Saheli (c) Shobita
(d) Benglasadan
- 8). Which among the following insects has a pigment called luciferin?
(a) Redfly (b) Firefly (c) Butterfly (d) Nightfly
- 9). The world's longest sandstone cave has been discovered in Meghalay. What is the name of that sandstone cave?
(a) Krem Puri (b) Krem Kiran (c) Prem Kuri
(d) Prem Puri
- 10). Hridaynath award for Lifetime achievement carries a cash prize of _____.
(a) ₹500000 (b) ₹99999 (c) ₹100000
(d) ₹250000
- 11). What is the target of fiscal deficit as a percentage of India's gross domestic product (GDP) for the financial year 2018-19?
(a) 3.0 Percent (b) 3.1 Percent (c) 3.2 Percent
(d) 3.3 Percent
- 12). Who is the first Indian shooter to win a gold medal in Youth Olympic Games?
(a) Manu Bhaker (b) Sanjeev Rajput (c) Jitu Rai
(d) Rahi Sarnobat
- 13). The latent heat of vaporization is _____.
(a) 540 cal/g (b) 324 cal/g (c) 267 cal/g
(d) 423 cal/g
- 14). The Thar Desert is also known as the _____.
(a) Great Indian Desert (b) Asian Desert
(c) Great Desert of South Asia (d) Eastern Desert
- 15). Which Governor General decided that Bahadur Shah Zafar would be the last Mughal emperor and that no descendant would be recognized as king after his death?
(a) George (b) Hastings (c) Canning (d) Irwin
- 16). Who was elected as the Deputy Chairman of Rajya Sabha in 2018?
(a) Harish Salve (b) Harivansh Narayan Singh
(c) Harminder Singh (d) Shyamlal Yadav
- 17). The distance travelled by the vehicle can be measured by which device?
(a) Barometer (b) Odometer (c) Spirometer
(d) Ammeter
- 18). _____ is a celebration of South India.
(a) Diwali (b) Hampi (c) Pongal
(d) Thrissur Puram
- 19). Which one of the following is not a string musical instrument?
(a) Tambura (b) Sitar (c) Veena (d) Mridangam

20). Which of the following techniques is not relevant with respect to determining the age of earth/soil, minerals and rocks?

- (a) Radiocarbon Dating (b) Uranium-Lead Dating
(c) Potassium-Argon Dating (d) Digging

Elementary Mathematics

1). The speed of train A is 16 km/h less than the speed of train B. To cover a distance of 384 km, B takes 4 hours less time than A. What is the speed (in km/h) of train B?

- (a) 50 (b) 45 (c) 48 (d) 32

2). In $\triangle ABC$, $\angle C = 90^\circ$ and D is a point on CB such that AD is the bisector of $\angle A$. If $AC = 5$ cm and $BC = 12$ cm, then what is the length of AD?

- (a) $\frac{10}{3}$ cm (b) $\frac{5\sqrt{13}}{6}$ cm (c) $\frac{5\sqrt{13}}{3}$ cm (d) $\frac{20}{3}$ cm

3). If $a = 500$, $b = 502$ and $c = 504$, then the value of $a^3 + b^3 + c^3 - 3abc$

- (a) 15060 (b) 12048 (c) 18072 (d) 17040

4). The lengths of the parallel sides of a trapezium are 51 cm and 21 cm, and that of each of the other two sides is 39 cm. What is the area (in cm^2) of the trapezium?

- (a) 1206 (b) 1296 (c) 1152 (d) 1260

5). If 66.667% of 75% of one-eighth of a certain number is 179, then 33.33% of three-fourth of that number is :

- (a) 537 (b) 787.6 (c) 859.2 (d) 716

6). Vaibhav can do a piece of work in 60 days. He works there for 15 days and then Sandeep alone finishes the remaining work in 30 days. In how many days will Vaibhav and Sandeep working together finish the work?

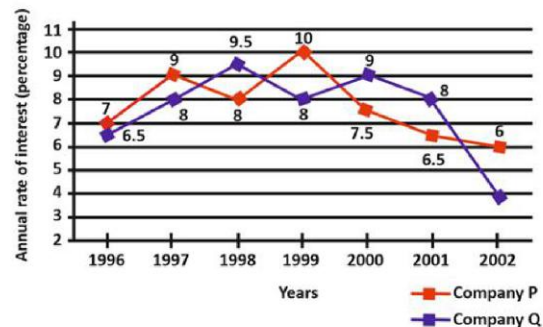
- (a) 20 days (b) 24 days (c) 18 days (d) 22 days

7). If $\sqrt{2} \sin(60^\circ - \alpha) = 1$, $0^\circ < \alpha < 90^\circ$ then α is equal to:

- (a) 45° (b) 30° (c) 15° (d) 60°

8). Two different finance companies declare a fixed annual rate of interest on the amount invested by investors with them. The interest rate declared by these companies can vary from year depending on the variation in the country's economy and the interest rate of the banks. The annual rate of interest offered by the two companies P and Q is shown in the graph below. Study the graph and answer the question.

Annual percentage rate of interest offered by two finance companies P and Q over the years.



An investor invests a sum of Rs 4 lakhs in company Q in the year 2000. After one year, the entire amount was transferred to company P in 2001 as an investment for one year. What amount will the investor receive from company P?

- (a) Rs 4,54,420 (b) Rs 4,64,340 (c) Rs 4,64,430
(d) Rs 4,56,320

9). If $a + b + c = 9$ and $ab + bc + ca = 18$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

- (a) 243 (b) 254 (c) 234 (d) 244

10). 2000 employees are assigned to complete a project. At the end of the first year, 15% of the number of employees are decreased and at the end of the second year again 10% of the number of employees are decrease. However, to complete the project in time, the number of employees are increased by 10% at the end of the third year. What was the number of employees working during the fourth year?

- (a) 1786 (b) 1685 (c) 1683 (d) 1783

11). A certain sum (in Rs.) is invested at simple interest at $x\%$ p.a. for 5 years. Had it been invested at $(x + 5)\%$ p.a., the simple interest would have been Rs. 9,200 more than the earlier one. What is the sum?

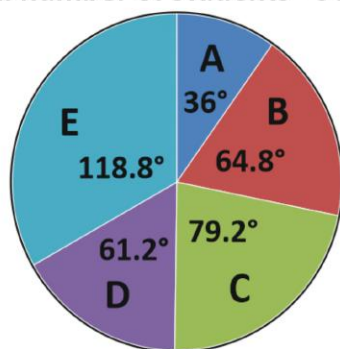
- (a) Rs. 36,800 (b) Rs. 36,400 (c) Rs. 35,800
(d) Rs. 40,000

12). The profit on selling an article for Rs.1,100 is equal to three times the amount of loss on selling it for Rs.700. To gain 12.5% the article must be sold for:

- (a) Rs. 956 (b) Rs. 877.50 (c) Rs. 787.50
(d) Rs. 900

13). Study given pie chart and answer the question that follows.

Distribution (degree wise) of students studying in schools A, B, C, D & E
Total number of students - 9000



The total number of students in schools D and E is what percentage more than the total number of students in schools B and C?

- (a) 20 (b) 25 (c) 30 (d) 35

14). If $x^4 + x^2y^2 + y^4 = \frac{21}{256}$ and

$$x^2 + xy + y^2 = \frac{3}{16}, \text{ then}$$

$$2(x^2 + y^2) =$$

- (a) $\frac{3}{8}$ (b) $\frac{5}{8}$ (c) $\frac{3}{4}$ (d) $\frac{5}{16}$

15). If $2\sin\theta + 15\cos^2\theta = 7$, $0^\circ < \theta < 90^\circ$, then what is the value of $\frac{3 - \tan\theta}{2 + \tan\theta}$?

- (a) $\frac{1}{4}$ (b) $\frac{3}{4}$ (c) $\frac{1}{2}$ (d) $\frac{5}{8}$

16). A right circular cone of largest volume is cut out from a solid wooden hemisphere.

- (a) 50% (b) $33\frac{1}{3}\%$ (c) 75% (d) $66\frac{2}{3}\%$

17). In ABC, AB = c cm, AC = b cm and CB = a cm. If $\angle A = 2\angle B$, then which of the following is true?

- (a) $a^2 = b^2 - bc$ (b) $a^2 = b^2 - ac$ (c) $a^2 = b^2 + bc$
(d) $a^2 = b^2 + ac$

18). The average of eleven numbers is 68. The average of the first four numbers is 78 and that of the next four numbers is 63. The 9th number is two times the 11th number and the 10th number is 4 less than the 11th number. What is the average of the 9th and 11th number?

- (a) 70.1 (b) 72.2 (c) 70.5 (d) 72.6

19). In an office, 70% of the total number of employees are females. 80% of the total number of employees, including 35 males, got promotion. If there are 105 female employees, then what percentage of female employees got promotion?

- (a) 30% (b) $80\frac{20}{21}\%$ (c) 4% (d) 35%

20). The average score of 42 students in a test is 69. The ratio of the number of boys so that of girls is 10 : 11. The average score of the boys is 20% more than that of the girls. The average score of the boys is:

- (a) 82.8 (b) 75.6 (c) 73.5 (d) 75.2

English Language

1). Identify the best way to improve the underlined part of the given sentence. If there is no improvement required, select 'No Improvement'.

He made certain useful contacts amid his staying abroad.

- (a) during his stay (b) along his stay
(c) whole time of his staying (d) No improvement

2). Select the most appropriate option to fill in the blank.

This watch is expensive as it is a _____ edition watch.

- (a) limited (b) old (c) formal (d) outdated

3). Identify the segment in the sentence which contains the grammatical error.

My younger brother knew that difficulties laid ahead.

- (a) knew (b) My younger brother (c) laid ahead.
(d) that difficulties

4). Select the most appropriate synonym of the given word

VALUABLE

- (a) commonplace (b) cheap (c) ordinary
(d) precious

5). 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".

The prisoner was looking about an opportunity to escape.

- (a) looking for (b) looking up (c) No substitution
(d) looking after

- 6). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

The shopkeeper requested the lady to hurry up as it was time to close the shop.

- (a) The shopkeeper said to the lady, "Please hurry up, it will be time for the shop to be closed."
(b) The shopkeeper said to the lady, "Please hurry up, it is time for the shop to be closed."
(c) The shopkeeper said to the lady, "Please hurry up, it is time to closed the shop."
(d) The shopkeeper said to the lady, 'Please hurry up, it was time for the shop to be closed.'

- 7). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

I told my brother not to mess up the things in the cupboard.

- (a) I said to my brother, "Didn't mess up the things in the cupboard."
(b) I said to my brother, "You will not mess up the things in the cupboard."
(c) I said to my brother, "You will not mess up the things in the cupboard."
(d) I said to my brother, "Not mess up the things in the cupboard.'

- 8). Select the most appropriate meaning of the underlined idiom in the given sentence.

He makes himself a laughing stock by saying foolish things.

- (a) laughing at oneself (b) an object of ridicule
(c) making people laugh (d) mocking others

- 9). Select the most appropriate antonym of the given word

ACKNOWLEDGE

- (a) grant (b) decline (c) accept (d) own

- 10). Select the most appropriate synonym of the given word

Deference

- (a) complication (b) dishonor (c) disregard
(d) compliance

- 11). Choose the most appropriate option to change the narration (direct/indirect) of the given

sentence.

The boss said to Anita, "I want to speak to you."

- (a) The boss said to Anita that he had wanted to speak to her.
(b) The boss said to Anita that he wants to speak to her.
(c) The boss said to Anita that he wanted to speak to you.
(d) The boss said to Anita that he wanted to speak to her.

- 12). 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".

How long have you married?

- (a) have you been (b) No substitution
(c) have you being (d) you are

- 13). Select the most appropriate meaning of the underlined idiom in the given sentence.

He will get his work done by hook or by crook.

- (a) by any means, good or bad (b) by threatening
(c) by bribing (d) by persuading

- 14). Identify the segment in the sentence which contains the grammatical error.

If I want to gave you some advice, would you be interested?

- (a) would you (b) gave you some advice,
(c) If I want to (d) be interested?

- 15). Identify the segment in the sentence which contains the grammatical error.

Later in the day, my father tell us about his promotion.

- (a) about his promotion (b) Later in the day
(c) my father (d) tell us

- 16). Choose the most appropriate option to change the voice (active/passive) form of the given sentence.

Please come down for breakfast.

- (a) You are to come down for breakfast.
(b) Requested you are to come down for breakfast.
(c) You are request to come down for breakfast.
(d) You are requested to come down for breakfast.

17). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

I said to my brother, "Please do not disturb me."

- (a) I requested my brother do not disturb me.
- (b) I requested my brother not to disturb me.
- (c) I request my brother not to disturb me.
- (d) I requested my brother to stop disturbing me.

18). 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 needed'.

She is quite capable to do that.

- (a) capable from doing
- (b) capable with doing
- (c) No substitution needed
- (d) capable of doing

19). Select the most appropriate synonym of the given word

SUBMERGE

- (a) float
- (b) drown
- (c) surface
- (d) rise

20). Select the most appropriate meaning of the underlined idiom in the given sentence.

It was getting dark and I was hoping against hope that I would get a lift to go home.

- (a) becoming totally hopeless
- (b) have complete faith
- (c) hoping in a hopeless situation
- (d) not bothered about the outcome