PREVIOUS YEAR PAPER

SSC GD Constable — 13 January 2023, Shift 2

SSC GD Constable · 13 January 2023 · 11:45 AM - 12:45 PM

80 questions · marks per question not printed on the response sheet · 60 minutes

Questions from the Staff Selection Commission's paper of 13 January 2023, 11:45 AM - 12:45 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/ssc-gd/previous-year-papers/ssc-gd-2023-13-jan-shift-2/

General Intelligence and Reasoning

1. Which of the following numbers will replace the question mark (?) in the given series? 9, 17, ?, 57, 89, 129

(a) 23
(b) 33
(c) 20
(d) 35

Answer: (b)

2. Which letter cluster will replace the question mark (?) to complete the given series? YAFU, CRRE, ?, KZPY, OQBI

(a) FMBR
(b) FYWD
(c) GIDO
(d) GRXO

Answer: (c)

3. Eight people, A, B, C, D, E, F, G and H are sitting in a straight line, facing north. Only three people sit to the right of
A. Only one person sits between A and
B. Only four people sit between B and D. F sits to the immediate right of D. C is neither an immediate neighbour of B nor D. E sits second to the right of G. How many people sit between H and A?

(a) None
(b) Two
(c) Three
(d) One

Answer: (c)

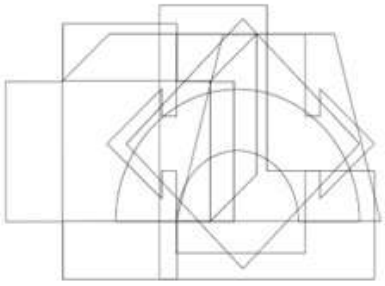
4. In a certain code language, the word ‘FORM’ is numerically coded as 25. The word ‘SUIT’ is numerically coded as 96. How is the word ‘RING’ numerically coded in the same code language?

(a) 24
(b) 84
(c) 42
(d) 48

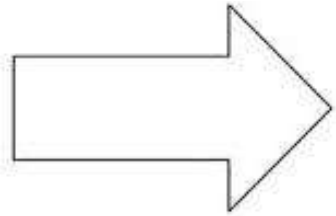
Answer: (b)

5.

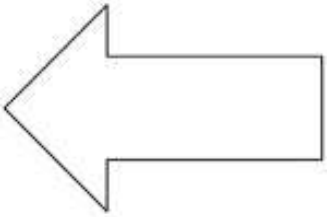
Select the option figure which is embedded in the given figure. (Rotation is NOT allowed)



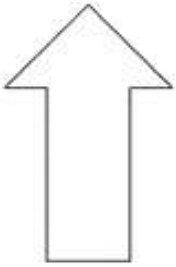
(a)



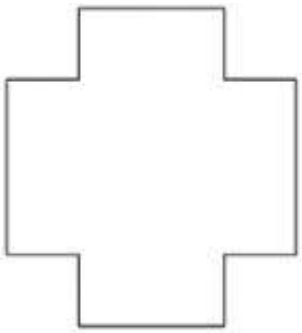
(b)



(c)



(d)



Answer: (d)

6. Which two signs should be interchanged to make the below equation mathematically correct? 128 - 8 + 96 ÷ 16 × 20 = 16

(a) × and ÷

(b) - and +

(c) - and ×

(d) + and ÷

Answer: (b)

7. Which of the following numbers will replace the question mark (?) in the given series? 4, 9, 17, 35, ?, 139

(a) 96

(b) 69

(c) 71

(d) 70

Answer: (b)

8. In a certain code language, 'FRUIT' is written as 'HTUKV' and 'TWEAK' is written as 'VYECM'. How will 'VOWEL' be written in that language?

(a) QXWMG

(b) QXWGM

(c) XQWGN

(d) XQGWM

Answer: (c)

9. Three 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: All waters are inks. All glues are inks. All inks are pens. Conclusions:
I. All glues are pens.
II. All pens are waters.
III. Some pens are glues.

(a) Only conclusions I and II follow

(b) Only conclusions I and III follow

(c) All conclusions follow

(d) Only conclusions II and III follow

Answer: (b)

10. 'A + B' means 'A is the wife of B' 'A – B' means 'A is the husband of B' 'A × B' means 'A is the brother of B' 'A ÷ B' means 'A is the mother of B' If R + T × S – P ÷ Q + N, then which of the following statements is NOT correct?

(a) Q is the mother of T.

(b) P is the mother of Q.

(c) T is the brother of S.

(d) R is the wife of T.

Answer: (a)

11. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number. 4 : 30 :: 7 : ? :: 6 : 56

(a) 72

(b) 76

(c) 70

(d) 80

Answer: (a)

12. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word) Bat : Cricket :: Racquet : ?

(a) Golf

(b) Baseball

(c) Tennis

(d) Hockey

Answer: (c)

13. Which of the following terms will replace the question mark (?) in the given series? FPA, HSB, IVD, KYE, ?, NEH

(a) MAG

(b) MBG

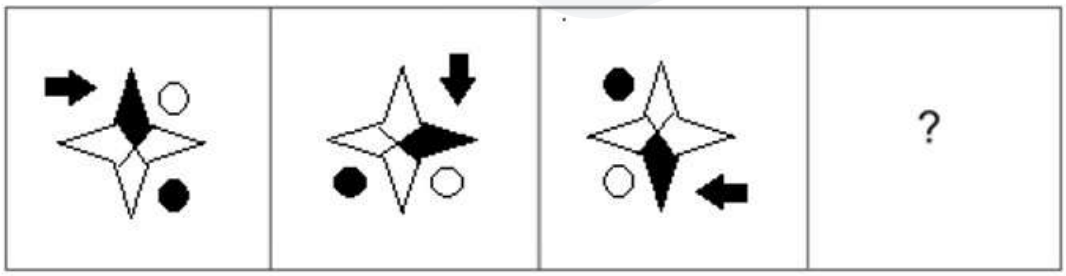
(c) LBG

(d) LAH

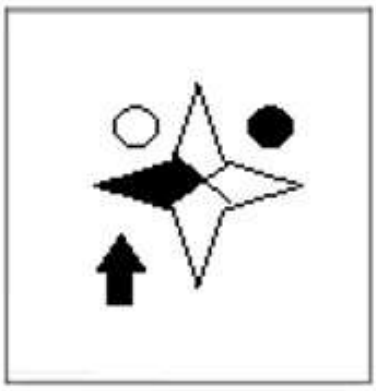
Answer: (c)

14.

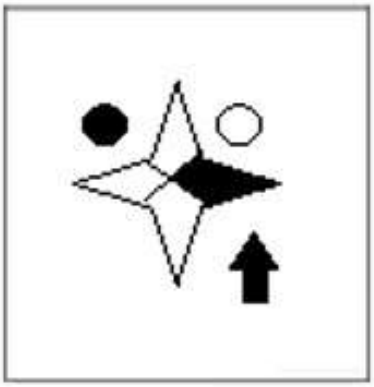
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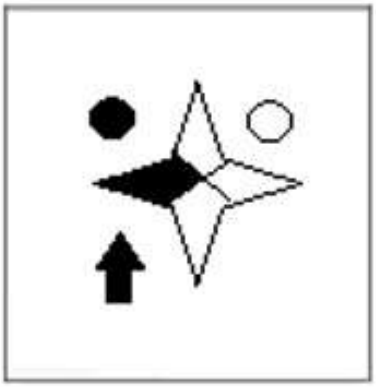
(a)



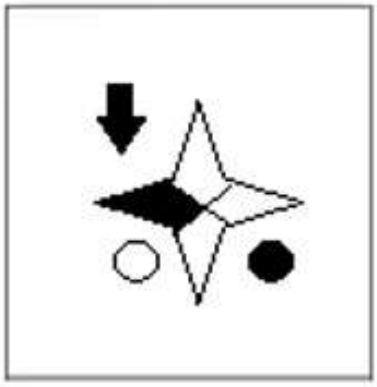
(b)



(c)



(d)



Answer: (a)

15. 'Expand' is related to 'Stretch' in the same way as 'Contract' is related to '_____'. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

(a) Shrink

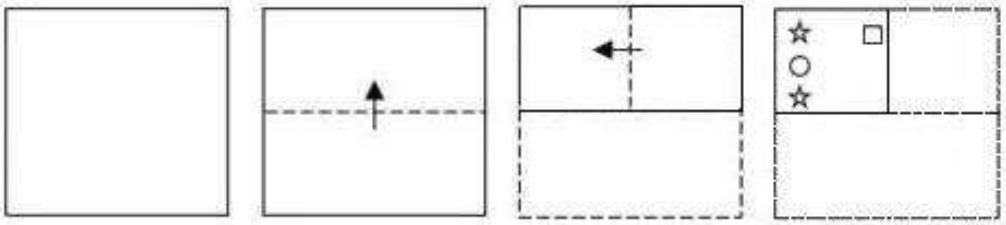
(b) Volume

(c) Huge

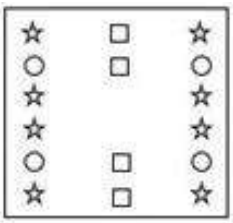
(d) Range

Answer: (a)

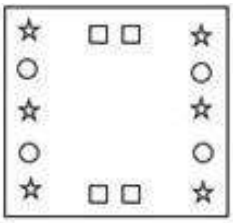
16. A paper is folded and cut as shown below. How will it appear when unfolded?



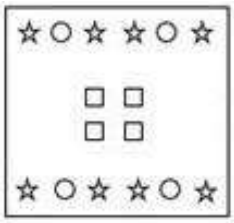
(a)



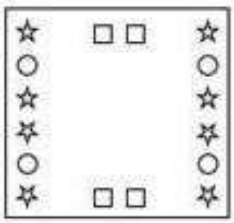
(b)



(c)



(d)



Answer: (d)

17.

Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



(a)



(b)



(c)



(d)



Answer: (d)

18. Ten friends went to a restaurant to have their lunch and sat in two parallel rows facing each other, such that five members are sitting in each row. K, L, M, N, O are sitting in Row 1 facing north, while persons F, G, H, I, J in Row 2 face south. N is facing the neighbour of J. Two persons sit between J and H. I sits in the middle of the line. G does not sit at any of the corners; G is neither facing M nor K. K sits to the left of M but not immediate left. J is the immediate neighbour of the person who is sitting at the corner. N does not sit at any of the corners. L is sitting second to the left of N. How many persons are sitting between J and G?

(a) Zero

(b) One

(c) Two

(d) Three

Answer: (b)

19. Which option represents the correct order of the given words as they would appear in an English dictionary?
1. MISTER
2. MASTER
3. MARTYR
4. MISTRESS
5. MARTHA

(a) 3, 5, 2, 1, 4
(b) 3, 5, 1, 2, 4
(c) 5, 3, 1, 2, 4
(d) 5, 3, 2, 1, 4

Answer: (d)

20. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 64 * 140 * 2 * 4 * 10

(a) +, −, =, ÷
(b) =, ÷, −, +
(c) −, +, ÷, =
(d) =, ÷, +, −

Answer: (d)

General Knowledge and General Awarenes

1. The Industrial Policy Resolution,1956 classified the dustries into _____ categories.

(a) two
(b) three
(c) four
(d) one

Answer: (b)

2. A Feature of Indian contitution i.e. Centrifugal form of federalism where the centre is stronger than the states is based on which model?

(a) Canadian model
(b) Britain model
(c) Japan model
(d) USA model

Answer: (a)

3. Sonal Mansingh was awarded the Sangeet Natak Akademi Award for which of the following classical dance forms?

(a) Mohiniyattam
(b) Manipuri
(c) Odissi
(d) Kathakali

Answer: (c)

4. What is the literacy rate among the males in India as per the Census 2011?

(a) 80.65%
(b) 82.14%
(c) 81.17%
(d) 84.35%

Answer: (b)

5. Atal Pension Yojana (APY), a pension scheme for citizens of India, is focused on the_____sector workers.

(a) unspecified
(b) unorganised
(c) organised
(d) complicated

Answer: (b)

6. What is the standard height of a volleyball net from the ground for the men's team?

(a) 2.53 metres
(b) 2.43 metres
(c) 2.23 metres
(d) 2.33 metres

Answer: (b)

7. Which scheme has been proposed for developme[illegible]f state roads along coastal border areas, including connectivity of non major ports and majo[illegible]rts?

(a) Setubharatam Pariyojana
(b) National Highways Development Projec[illegible]
(c) The Golden Quadrilateral Project
(d) Sagarmala Pariyojana

Answer: (d)

8. Bhopal lake, one of the largest artificial lake of its time was built in which century?

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

Answer: (a)

9. Which of the following is not present in a nucleus?

(a) nucleolus
(b) vacuole
(c) deoxyribonucleic acid
(d) genes

Answer: (b)

10. Which of the following acts passed by the Britishers disallowed Indians from possessing arms?
    (a) The Arms Act, 1878
    (b) The Arms Act, 1868
    (c) The Arms Act, 1888
    (d) The Arms Act, 1850
    Answer: (a)

11. Who among the following has won the Balasaraswathi award for the year 2019?
    (a) Krishna Ella
    (b) Anuradha Pandey
    (c) Alarmel Valli
    (d) Mahaboob Subhani
    Answer: (c)

12. Who was appointed as the new Chairman of CBSE in February 2022?
    (a) Prof Dinesh Prasad Saklani
    (b) Prof M Jagadesh Kumar
    (c) Vineet Joshi
    (d) Rajkumar Ranjan Singh
    Answer: (c)

13. Who among the following was the first ruler of the nga dynasty?
    (a) Parammitra Sunga
    (b) Pushyamitra Sunga
    (c) Parasmitra Sunga
    (d) Pashupatinath Sunga
    Answer: (b)

14. As of November 2022, who among the following is the Chief Minister of Delhi?
    (a) V. Narayanaswamy
    (b) Arvind Kejriwal
    (c) Pema Khandu
    (d) Manoj Sinha
    Answer: (b)

15. Per capita income for a nation is calculated by dividing the country's national income by its _____.
    (a) liability
    (b) debt
    (c) assets
    (d) population
    Answer: (d)

16. From which among the following countries Independence of judiciary has been borrowed in the Indian Constitution ?

(a) France
(b) USSR
(c) United Kingdom
(d) United States Of America

Answer: (d)

17. Eden Gardens cricket ground is located in which of the following city?

(a) Chennai
(b) Lucknow
(c) Jaipur
(d) Kolkata

Answer: (d)

18. Sodium is kept in which of the following?

(a) Kerosene
(b) Water
(c) Milk
(d) Sugar solution

Answer: (a)

19. Karkidaka Vavu Bali of _____ is a Hindu ritual t[illegible]ppease ancestors.

(a) Kerala
(b) Maharashtra
(c) Meghalaya
(d) Goa

Answer: (a)

20. Green Revolution was originated in _____.

(a) Brazil
(b) Australia
(c) Mexico
(d) United State of America

Answer: (c)

Elementary Mathematics

1. In March, a shopkeeper has launched a discount scheme for 20% discount on the purchase of jeans and 12% discount on a coat. Also, he is offering 5% discount on using SBI card only to pay. Anand bought jeans of marked price of Rs.1,200 and a coat of marked price of Rs.4,500. How much does he have to pay if he pays through an HDFC Bank card?

(a) Rs.4,920

(b) Rs.4,560

(c) Rs.4,674

(d) Rs.5,016

Answer: (a)

2. Akhil can complete a piece of work in 26 days. Sakshi and Akhil both can complete the same work in 20 days. They started together but Sakshi left after working for 6 days. Find the number of days in which Akhil will complete the remaining work.

(a) 55/4 days

(b) 89/5 days

(c) 12/5 days

(d) 91/5 days

Answer: (d)

3. If 24 women can complete a work in 16 days, in how many days 32 women will complete the same work?

(a) 11

(b) 9

(c) 12

(d) 10

Answer: (c)

4. A dog takes 5 leaps for every 6 leaps of a hare, but 4 leaps of the dog are equal to 5 leaps of the hare. The ratio of the speed of dog and hare is?

(a)

$16 : 24$

(b)

$24 : 16$

(c)

$25 : 24$

(d)

$24 : 25$

Answer: (c)

5. In what ratio must water be mixed with milk costing Rs.15 per liter to obtain a mixture worth Rs.10 per liter? (water is available free of cost)

(a)

$1 : 2$

(b)

$1 : 3$

(c)

$2 : 5$

(d)

$2 : 3$

Answer: (a)

6. If the radius of the base and the height of a cylinder are 17cm and 49 cm respectively, then what is the curved surface area of the cylinder? (Use π = 22/7)

(a)

$5244\ \text{cm}^2$

(b)

$5256\ \text{cm}^2$

(c)

$5288\ \text{cm}^2$

(d)

$5236\ \text{cm}^2$

Answer: (d)

7. If a person weighing 40 kg joins, then the average weight of a group increases by 1 kg. If the weight of this person had been 28 kg, then the average weight of the group would have decreased by 1 kg. The actual average weight of the group is:

(a) 39 kg

(b) 24 kg

(c) 34 kg

(d) 29 kg

Answer: (c)

8. Cost of four chairs is equal to cost of two tables. Cost of four tables is equal to cost of two boards and cost of four boards is equal to cost of two fans. If a fan costs ₹850, then the cost of a chair is:

(a)

₹425

(b)

₹237.50

(c)

₹106.25

(d)

₹475

Answer: (c)

9. A principal gives an amount of ₹26,450 in 2 years at the rate of 15% per annum on compound interest, interest is compounding annually. What is the principal?

(a)

₹23,000

(b)

₹20,000

(c)

₹21,000

(d)

₹22,000

Answer: (b)

10.

Find the value of y in the expression $2\frac{3}{7} \times \left[\left(11\frac{2}{6} \div \left(\frac{25}{18} + 2\frac{5}{6} - \frac{7}{36}\right)\right)\right] = y \div 72.5 \times 204.$

(a)

$\frac{21}{5}$

(b)

$\frac{19}{3}$

(c)

$\frac{17}{7}$

(d)

$\frac{15}{2}$

Answer: (c)

11. The distance ‘d’ a moving body travels, varies dire with time ‘t’. When a train travels 120 miles in 3 h, then how many miles would it travel in 8 h?

(a) 40

(b) 320

(c) 80

(d) 160

Answer: (b)

12. If the simple interest on a sum of money for two years at 5% per annum is Rs.50, then what is the compound interest when compounding annually at the same rate and for the same time?

(a) Rs.53.00

(b) Rs.50.50

(c) Rs.53.50

(d) Rs.51.25

Answer: (d)

13. A toy car costs Rs. 1800. Its price is reduced to Rs. 1500 in the sale. By what percentage was the price reduced?

(a) 60/7 percent

(b) 80/9 percent

(c) 100/7 percent

(d) 50/3 percent

Answer: (d)

14. The LCM of the three numbers 120, 240 and 480 will be:

(a) 720

(b) 1080

(c) 960

(d) 480

Answer: (d)

15. A thief is noticed by a policeman from a distance of 380 m. The thief starts running and the policeman chases him. The thief and policeman run at the speed of 25 m/sec and 30 m/sec respectively. What is the time taken by the policeman to catch the thief?

(a) 82 sec

(b) 56 sec

(c) 92 sec

(d) 76 sec

Answer: (d)

16. A shopkeeper decided the price of 2 sarees and 4 shirts to be ₹1,600.With the same money one can buy 1 saree and 6 shirts. If I want to buy 12 shirts how much shall I have to pay?

(a) ₹4,800

(b) ₹2,400

(c) ₹1,600

(d) ₹1,800

Answer: (b)

17. In an examination, there are three subje of 10 marks each. A student scores 75% in the first subject and 86% in the second subject. He s 8% in aggregate. His percentage of marks in the third subject is:

(a)

65%

(b)

48%

(c)

56%

(d)

43%

Answer: (d)

18. Find the number of solid spheres, each of diameter 6 cm, that can be made by melting a solid metal cylinder of height 12 cm and diameter 6 cm.

(a) 6
(b) 3
(c) 4
(d) 2

Answer: (b)

19. A and B are two typists. One afternoon, they were each given 80 pages for typing. They divided the work equally, but B finished 40 minutes before A, who took 4 hours for the same. The next afternoon, they were again given 121 pages to type. However, this time they decided to divide the work such that they finished typing simultaneously. How many pages did A have to type?

(a) 50 pages
(b) 77 pages
(c) 60 pages
(d) 55 pages

Answer: (d)

20. Tina gets a discount of 15 percent on a grinder whose marked price is Rs. 8200. Since she pays cash, she gets an additional 3 percent discount too. How much does she pay?

(a) Rs. 6850.80
(b) Rs. 6760.90
(c) Rs. 6970
(d) Rs. 6560

Answer: (b)

English

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

Add fuel to the flames

(a) On the point of dying
(b) At the slightest signal or provocation
(c) Making a bad situation even worse
(d) Performing a desirable action

Answer: (c)

2. Fill in the blanks with appropriate homonym.

If you want to _____ the world, you should be the one to take the first step.

(a) change (loose money)
(b) change (transfer)
(c) change (switch)
(d) change (alter)

Answer: (d)

3. Select the most appropriate synonym of the word given below to fill in the blank in the following sentence.

Austere My uncle said, “Think about a monk who lives a _____ life”.

(a) dark
(b) luxurious
(c) strict
(d) logical

Answer: (c)

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

Affluent classes live a life high on the _____.

(a) end
(b) state
(c) hog
(d) level

Answer: (c)

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

Computers are able to process _____ amounts of data in mere seconds.

(a) peer
(b) bulge
(c) massive
(d) foster

Answer: (c)

6. Select the INCORRECTLY spelt word.

(a) Deseive
(b) Definite
(c) Decision
(d) Deposit

Answer: (a)

7. Select the most appropriate option to substitute the underlined segment in the given sentence.

The surveyor wrote a report on the property after doing an <u>on-field evaluation.</u>

(a) official collection
(b) off–site assignment
(c) off-field tracking
(d) on-site assessment

Answer: (d)

8. Select the most appropriate option that can substitute the underlined segment in the given sentence.

During the lockdown, many families were barely able to make both the ends meet.

(a) can manage to make both the ends meet
(b) could make both the ends meet
(c) barely managed to make ends meet
(d) were making both the ends meet

Answer: (c)

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

The students arranged an open _____ on the topic of pandemics and social life after them.

(a) drought
(b) debase
(c) debt
(d) debate

Answer: (d)

10. Which of the following options is most similar in meaning to the given word? Seize

(a) Filter
(b) End
(c) Ocean
(d) Catch

Answer: (d)

11. Select the option that expresses the given sentence in simple past tense.

A. I was calling you some time back to resolve this issue.
B. I had been calling you some time back to resolve this issue.
C. I have called you some time back to resolve this issue.
D. I called you some time back to resolve this issue.

(a) A
(b) C
(c) B
(d) D

Answer: (d)

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

Ready

(a) Set
(b) Unresponsive
(c) Holistic
(d) Humble

Answer: (b)

13. Select the most appropriate option that can substitute the underlined segment in the given sentence.

To insure peace and calm, the government imposed a countrywide curfew for three days.

(a) To insure peace along calm
(b) In to ensure peace and calm
(c) To ensure peace and calm
(d) Insure peace and calm

Answer: (c)

14. Select the most appropriate synonym of the underlined word.

The manager would like to talk to the team member about an important issue immediately.

(a) a bad
(b) an enormous
(c) a good
(d) a significant

Answer: (d)

15. Select the most appropriate ANTONYM of the word given in the bracket to fill in the blank.

He carried his method into every detail of life and lived on his earnings with extreme _____ (frugality).

(a) luxury
(b) spare
(c) assist
(d) ease

Answer: (a)

Passage — for questions 16–20

> In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. It's no less than a pilgrimage for those who come to our shores for medical treatments. Medical tourism in India is on an upswing, with about 5,00,000 foreign patients travelling to India for medical care. The (1) _____ worth of the industry is estimated at ₹1,000 crores, with a growth potential of 100 per cent every year. The industry is poised to bring in as much as ₹5,000 to ₹10,000 crores by 2012. Many factors contribute to the expansion of this sector, one of them being the (2) _____ facilities. ''Only when we go to different countries do we realise how much better off we are in terms of infrastructure and quality. The country has the resources to be on the global map for medical tourism as it has a combination of all the right ingredients,'' says Dr. Rajendra Prasad, senior consultancy neurosurgery. India is also renowned for its talent pool and the doctors are known for their (3) _____ and knowledge. Cutting edge medical technologies and drugs available are on a par with the developed world. The cost factor is another big reason for the popularity of India as the medical destination, the difference being as much as 10 or 20 times. The culture of 'Atithi Devo Bhava' extends into medical tourism, with quality facilities being offered by hospitals to international patients. Super speciality hospitals are successfully providing unparalleled medical treatment to patients, resulting in (4) _____ outcomes, very low risk of infections and excellent post surgery care. The whole experience can be simply termed as 'value for money'. Medical tourism is (5) _____ a fast-growing sector. It is felt that the government is not doing enough to promote this sector. The Ministry of Tourism should pitch in a big way with more financial support to stakeholders and better infrastructure facilities. More liberal loans, tax benefits and incentives to medical service providers will go a long way in giving a boost to this industry. Promoting medical tourism would mean more employment opportunities for our people, more goodwill for the country and more dollars for the government treasury.

16. Select the most appropriate option to fill in blank r ıber 1.

(a) current
(b) living
(c) prevalent
(d) modern

Answer: (a)

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

(a) high-end
(b) fashionable
(c) ostentatious
(d) showy

Answer: (a)

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

(a) expertise
(b) conversance
(c) acquaintance
(d) intimacy

Answer: (a)

19. Select the most appropriate option to fill in blank number 4.
    (a) fancy
    (b) superior
    (c) ultimate
    (d) premium

    Answer: (b)

20. Select the most appropriate option to fill in blank number 5.
    (a) undoubtedly
    (b) forsooth
    (c) alright
    (d) conceivably

    Answer: (a)

Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

General Intelligence and Reasoning

1	**(b)**	2	**(c)**	3	**(c)**	4	**(b)**	5	**(d)**	6	**(b)**
7	**(b)**	8	**(c)**	9	**(b)**	10	**(a)**	11	**(a)**	12	**(c)**
13	**(c)**	14	**(a)**	15	**(a)**	16	**(d)**	17	**(d)**	18	**(b)**
19	**(d)**	20	**(d)**								

General Knowledge and General Awareness

1	**(b)**	2	**(a)**	3	**(c)**	4	**(b)**	5	**(b)**	6	**(b)**
7	**(d)**	8	**(a)**	9	**(b)**	10	**(a)**	11	**(c)**	12	**(c)**
13	**(b)**	14	**(b)**	15	**(d)**	16	**(d)**	17	**(d)**	18	**(a)**
19	**(a)**	20	**(c)**								

Elementary Mathematics

1	**(a)**	2	**(d)**	3	**(c)**	4	**(c)**	5	**(a)**	6	**(d)**
7	**(c)**	8	**(c)**	9	**(b)**	10	**(c)**	11	**(b)**	12	**(d)**
13	**(d)**	14	**(d)**	15	**(d)**	16	**(b)**	17	**(d)**	18	**(b)**
19	**(d)**	20	**(b)**								

English

1	**(c)**	2	**(d)**	3	**(c)**	4	**(c)**	5	**(c)**	6	**(a)**
7	**(d)**	8	**(c)**	9	**(d)**	10	**(d)**	11	**(d)**	12	**(b)**
13	**(c)**	14	**(d)**	15	**(a)**	16	**(a)**	17	**(a)**	18	**(a)**
19	**(b)**	20	**(a)**								