

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

# SBI CLERK

## TEST SERIES

DATE- \_\_/\_\_/\_\_

DAY- \_\_\_\_\_

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 13

QUESTION- 100

MARKS- 100

NEGATIVE MARK- 0.25

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 100 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. 1 marks will be given for each correct answer and 0.25 marks will be deducted for each wrong answer.



10 Years of Excellence

## Spardhaguru India Private Limited

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## Reasoning Ability

Direction (1-3): In the following questions assuming the given statement to be true, find which of the conclusion(s) among given conclusions is/are definitely true, and then give your answers accordingly.

**1). Statements:**

$U > C > O; K < O < P = W$

**Conclusions:**

I.  $U < P$

II.  $W > K$

- (a) Only I follows (b) Only II follows  
(c) Either I or II follows (d) Neither I nor II follows  
(e) Both I and II follow

**2). Statements:**

$H \geq N > A \geq E; S \geq A \leq B$

**Conclusions:**

I.  $E \leq S$

II.  $H > B$

- (a) Only I follows (b) Only II follows  
(c) Either I or II follows (d) Neither I nor II follows  
(e) Both I and II follow

**3). Statement:**

$A < S \leq H \leq Q; T > N \geq A > J$

**Conclusion:**

I.  $H > J$

II.  $Q \leq T$

- (a) Only I follows (b) Only II follows  
(c) Either I or II follows (d) Both I and II follow  
(e) Neither I nor II follows

Direction (4-8): : Study the following information carefully and answer the given questions.

Seven people i. A, B, C, D, E, F, and G were born in different years i. , 1988, 1989, 1991, 1994, 2000, 2003, and 2006 but not necessarily in the same order.

(Note: Consider the base year as 2021)

The difference between the age of A and D is 5 .Age of A is an odd number. Two people were born between A and G. Difference between the age of G and B is 3. Two people were born between B and E .Difference between the age of C and F is 6. C is younger than F.

- 4). What is the difference between the age of A and F?**

- (a) 3 (b) 6 (c) 10 (d) 7 (e) None of these

- 5). What is the age of E?**

- (a) 30 (b) 21 (c) 27 (d) 15 (e) None of these

- 6). Who amongst the following were born in 1989?**

- (a) B (b) G (c) D (d) E (e) None of these

- 7). Who amongst the following is 21 years old?**

- (a) F (b) A (c) B (d) G (e) None of these

- 8). Which amongst the following statement is not true?**

- (a) A is younger than G.  
(b) More than three people were born between G and C  
(c) A is 27 years old  
(d) One person was born between A and C  
(e) All are true

- 9). How many such pairs of letters are there in the word EXPANSION each of which has as many letters between them in the word in both forward and backward directions as in the English alphabet?**

- (a) Three (b) Two (c) Four (d) None (e) One

- 10). How many such pairs of letters are there in the word SUPERIMPOSE each of which has as many letters between them as in the English alphabet in both forward and backward directions?**

- (a) Two (b) Three (c) Four (d) Five  
(e) More than five

- 11). How many such pairs of letters are there in the word KNIGHT each of which has as many letters between them as in the English alphabet in both forward and backward directions of the word?**

- (a) Two (b) Three (c) Four (d) Five  
(e) More than five

- 12). How many such pairs of letters are there in the word KINGDOMS each of which has as many letters between them as in the English alphabet in both forward and backward directions?**



- (a) Two (b) Three (c) Four (d) Five  
(e) More than Five

13). How many such pairs of letters are there in the word SUCCESSFULLY each of which has as many letters between them as in the English alphabet in both forward and backward directions?

- (a) Two (b) Three (c) Four (d) Five  
(e) More than five

14). How many such pairs of letters are there in the word SUCCESSFULLY each of which has as many letters between them as in the English alphabet in both forward and backward directions?

- (a) Two (b) Three (c) Four (d) Five  
(e) More than five

15). How many such pairs of letters are there in the word SIMPLE each of which has as many letters between them in the word in both forward and backward directions as in the English alphabet?

- (a) Three (b) Two (c) None (d) Five (e) One

Direction (16-17) : Study the following information carefully and answer the following questions.

Point G is 10m west of Point A. Point C is 8m north of Point G. Point E is 9m east of Point Point T is 16m south of Point Point E is 7m west of Point K.

16). What is the shortest distance between Point K and Point A?

- (a) 12m (b) 10m (c) 8m (d) 9m  
(e) None of these

17). What is the direction of G with respect to T?

- (a) South (b) North (c) South east (d) North west  
(e) None of these

Direction (18): Study the following data carefully and answer the questions accordingly.  
Shyam starts walking from point A towards north and stops at some point after 15m. Then he takes a left turn and walks another 10m. After that he turns towards the south and walks from 5m. Then he takes a right turn and walks for another 10 m. Finally he takes a left turn and stops after 8m.

18). What is the direction of Shyam's starting point with respect to Shyam's end point?

- (a) South (b) East (c) North west (d) South east  
(e) None of these

Direction (19-20): Study the following data carefully and answer the questions accordingly.

A is the unmarried brother of C is the father-in-law of G who is the mother of two children. D is the sister-in-law of H. D has no siblings. F is the father of E who is the sister of L is the sister of G. A is the paternal uncle of F. D is the mother of F.

19). How many female members are there in a family ?

- (a) 2 (b) 3 (c) 4 (d) 5 (e) Cannot be determined

20). Which of the following statement is false?

- (a) L is the aunt of E (b) C is the Uncle of H  
(c) L is the sister of G (d) D is the mother of F.  
(e) All of the above is false

Direction (21-25): Study the following information carefully and answer the following question.

Seven people i. e A, B, C, D, E, F, and G going abroad in seven different months i. , January, March, April, May, June, July and August. Only one person goes on each dat All the information is not necessarily in the same order. D goes in the month having 30 days. Two people go between D and C .B goes in the month having 30 days. E goes after Two people go between E and F. E does not go in May. G goes just after A.

21). How many people go between D and B?

- (a) Two (b) No one (c) One (d) Three (e) Four

22). How many people go before D?

- (a) Two (b) Three (c) None (d) One  
(e) More than three

23). Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?

- (a) G (b) D (c) A (d) E (e) C

24). Who goes in July?

- (a) E (b) C (c) B (d) F (e) None of these

25). G goes on which month?

- (a) April (b) January (c) March (d) May  
(e) None of these

Direction (26-30): Study the following information carefully and answer the given questions.  
Eight people are sitting around a circular table with equidistance to each other but not necessarily in the same order. All are facing the center. Only two people sit between A and D (either from left or right). D sits second to the left of Only three people sit between C and One person sits between B and G (either from left or right). H sits third to the right of G. E sits second to the left of F

26). How many people sits between F and B, when counted from the right of B?

- (a) Two (b) Three (c) Four (d) Five  
(e) None of these

27). Four of the following five are alike in a certain way and hence form a group. Which is the one that doesn't belong to that group?

- (a) HE (b) AH (c) BD (d) EG (e) EH

28). What is the position of B with respect to D?

- (a) Second to the left (b) Immediate right  
(c) Immediate left (d) Second to the right  
(e) None of these

29). Which amongst the following statement is true?

- I. H and F sit opposite each other.  
II. No one sits between E and F.  
III. H sits third to the left of

- (a) Only I and III (b) Only I (c) Only III  
(d) All I, II and III (e) None

30). Who among the following sits second to the left of A?

- (a) C (b) F (c) H (d) E (e) None of these

Direction (31-35): Study the information carefully and answer the following questions.

Five People i. , A, B, C, D, and E live in a five-floor building. The lowermost floor is numbered as 1, floor above it numbered as 2 so on till the topmost floor which is numbered as 5. All of them like different fruits i. , Apple, Kiwi, Banana, Mango and Lichi. All the information is not necessarily in the same order.

B lives on an even numbers floor. Two people live between B and the one who likes Kiwi. One person lives between the one who likes Kiwi and the one who likes Mango. C lives adjacent to the one who likes Mango. Two people live between C and the one who likes Appl D lives just below the one who likes Banana. Three people live between D and A .C does not like Lichi.

31). How many people live above the one who likes Banana?

- (a) One (b) Three (c) None (d) Two (e) Four

32). B likes which amongst the following fruit?

- (a) Lichi (b) Apple (c) Banana (d) Mango  
(e) Kiwi

33). Who amongst the following likes Banana?

- (a) C (b) E (c) B (d) A (e) D

34). How many people live between E and the one who likes Kiwi?

- (a) Three (b) No one (c) One (d) Two  
(e) None of these

35). Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?

- (a) A-Apple (b) E-Mango (c) D-Kiwi  
(d) C-Banana (e) B-Mango

## Numerical Ability

Direction (1-9): What will come in the place of the question mark (?) in the following question?

1).  $59^2 - 43^2 - 23^2 = ? + 0.01$

- (a) 10.03 (b) 21.03 (c) 17.03 (d) 11.03  
(e) 31.02

2).  $114 \times 108 + 112 \times 109 = 40\% \text{ of } ? \times 613$

- (a) 106 (b) 200 (c) 100 (d) 110 (e) 150

3).  $\frac{12 \div 5 \times 49 \div 7}{36 \div 1.5 \times 12 \div 8} = ?$

- (a)  $\frac{7}{12}$  (b)  $\frac{3}{5}$  (c)  $\frac{7}{5}$  (d)  $\frac{7}{15}$  (e) None of these

4).  $(32)^2 \times 5 \div 8 + 93 + 171 = (?)^3 - 188$

- (a) 12 (b) 13 (c) 18 (d) 38 (e) 21

5).  $183\frac{1}{3} \times 126 \div 100 + 18.75 \times 128 \div 100 = ?$

- (a) 275 (b) 255 (c) 245 (d) 280 (e) 265

6).  $(64 \times 15) \div 42 = (? \div 6) + 25$

- (a) 150 (b) 180 (c) 210 (d) 240  
(e) None of these

7).  $(45\% \text{ of } 840) - (? \times 3) = (125\% \text{ of } 60)$

- (a) 144 (b) 140 (c) 196 (d) 101  
(e) None of these

8).  $\sqrt{1296} \div 9 + (12.5 \times 6) = ? - 41$



(a) 120 (b) 135 (c) 165 (d) 150

(e) None of these

9).  $(60\% \text{ of } ?) + (150\% \text{ of } 320) = (150 \times 4)$

(a) 250 (b) 225 (c) 160 (d) 200 (e) 180

10). The difference between compound interest earned after 3 years at 20% p. a. and simple interest earned after 4 years at 15% p. a. is Rs. 320. Find the principal amount.

(a) Rs. 3200 (b) Rs. 2800 (c) Rs. 2400

(d) Rs. 2500 (e) Rs. 1600

11). A sum of money is lent at simple interest and compound interest. The ratio between the difference of compound interest and simple interest of 3 years and 2 years is 29 : 8. What is the rate of interest per annum?

(a) 62.5% (b) 74.5% (c) 54.5% (d) 45%

(e) 48.5%

Direction(12-13): In the following question two equations are given in variables  $x$  and  $y$ . You have to solve these equations and determine the relation between  $x$  and  $y$ .

12). I.  $x^2 + 17x + 52 = 0$

II.  $y^2 - 8y - 48 = 0$

(a)  $x > y$  (b)  $x \leq y$  (c)  $x < y$  (d)  $x \geq y$

(e)  $x = y$  or relationship between  $x$  and  $y$  can't be established

13). I.  $x^2 - 29x + 204 = 0$

II.  $y^2 + 22y + 117 = 0$

(a)  $x > y$  (b)  $x \leq y$  (c)  $x < y$  (d)  $x \geq y$

(e)  $x = y$  or relationship between  $x$  and  $y$  can't be established

14). Arun, Bipin and Charul entered into a partnership with initial investments in the ratio of 4 : 5 : 3 and after 6 months, Charul doubled his investment and Arun invested 25% of his initial investment more. If the difference in profit share of Arun and Bipin is Rs. 1280, what is the share of profit of Charul?

(a) Rs. 34600 (b) Rs. 42000 (c) Rs. 11520

(d) Rs. 12500 (e) None of these

15). A train is running at a speed of 72 km/h and it takes 14 seconds to cross a poll. If the length of a platform is half of the length of the train, find the time taken by train to cross the platform.

(a) 24 seconds (b) 16 seconds (c) 21 seconds

(d) 30 seconds (e) None of these

16). Ramesh and Mahesh together can do a piece of work in 30 days. If Mahesh alone can do the same work in 45 days and they received total wages for the complete work is Rs 2100. Find the wages received by Ramesh.

(a) Rs 700 (b) Rs 600 (c) Rs 750 (d) Rs 450

(e) None of these

17). A boat travel 23 km downstream in 2 hours. If ratio of downstream speed to upstream speed is 3 : 2 find the time taken by boat to travel 46 km upstream.

(a) 5 hours (b) 6 hours (c) 4.5 hours

(d) 5.5 hours (e) 7 hours

18). In a container, water and milk are mixed in the ratio 8 : 5. Quantity of water in the container is less than 96 litres. If \_\_\_\_\_ litres water and \_\_\_\_\_ litres milk is added in the container then the resultant ratio of water to milk in the container becomes \_\_\_\_\_

The values given in which of the following options will fill the blanks in the same order in which it is given to make the statement true:

I. 40, 30, 3 : 2

II. 18, 20, 5 : 4

III. 28, 15, 5 : 3

(a) Only I (b) Only I and II (c) Only II and III

(d) Only II (e) All I, II and III

19). A student has to secure a minimum 40% marks to pass an examination. If he gets 290 marks and fails by 10 marks, find the maximum marks in the examination.

(a) 400 (b) 530 (c) 750 (d) 682 (e) 500

20). Aditya's present age is three times his daughter's present age and three-fifth of his mother's present age. The average of all of the present age of all three of them is 27 years. What is the difference between the Aditya's mother's present age and his daughter present age?

(a) 36 years (b) 39 years (c) 42 years

(d) 45 years (e) 23 years

21). What is the HCF of 72, 288 and 2160?

(a) 9 (b) 18 (c) 72 (d) 54 (e) None of these

22). The present age ratio of X, Y and Z is 3 : 5 : 7. If the average of their present age is 25 years, then age of X and Y together after 3 years?

- (a) 43 years (b) 46 years (c) 48 years  
(d) 45 years (e) None of these

23). A merchant allows a discount of 10% on the marked price of laptop. Then by what per cent higher than cost price, should he mark the price, so as to gain 20% on selling it at the discount?

- (a)  $22\frac{2}{3}\%$  (b)  $33\frac{1}{3}\%$  (c)  $43\frac{5}{7}\%$  (d)  $33\frac{2}{3}\%$   
(e)  $33\frac{1}{3}\%$

24). Tap L and M can fill a tank in p minutes and q minutes respectively. Due to a leak it takes tank (q + 3) minutes to fill the tank. How much time is required by leak to empty the tank if it is full?

- (a)  $\frac{pq(q+3)}{q^2+p+3q}$  (b)  $\frac{pq(q+p)}{q^2+3p+3q}$   
(c)  $\frac{pq(q+3)}{q^2+3p+3q}$  (d)  $\frac{pq(q+3)}{3(p+q)}$

(e) None of the above

Direction(25-29): In the following question, a wrong number series is given and a blank series with a question mark is given below the series. The pattern of the blank number series will be same as the wrong number series given above and the first number of the blank series will be the right number, which should be in place of the wrong number. You will have to find that what will come in place of question mark (?) in the blank number series.

25). 107, 149, 212, 298, 401

\_, \_, \_, ?, \_

- (a) 422 (b) 407 (c) 365 (d) 374 (e) 482

26). 2000, 500, 100, 20, 5, 1

\_, \_, ?, \_

- (a) 35 (b) 29 (c) 49 (d) 20 (e) 25

27). 7, 8, 16, 42, 91, 172

\_, \_, \_, \_, \_

- (a) 182 (b) 241 (c) 174 (d) 216 (e) 139

28). 2, 4, 8, 27, 112, 565

\_, \_, \_, \_

- (a) 634 (b) 658 (c) 585 (d) 475 (e) 685

29). 64, 51, 77, 38, 90, 20

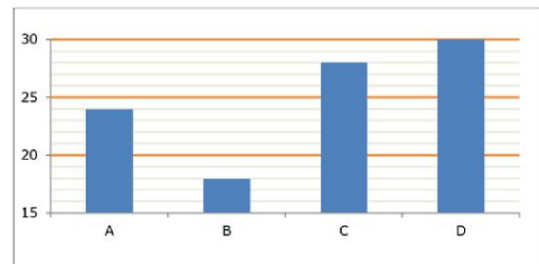
\_, \_, \_, ?, \_

- (a) -1 (b) 4 (c) -2 (d) 1 (e) 5

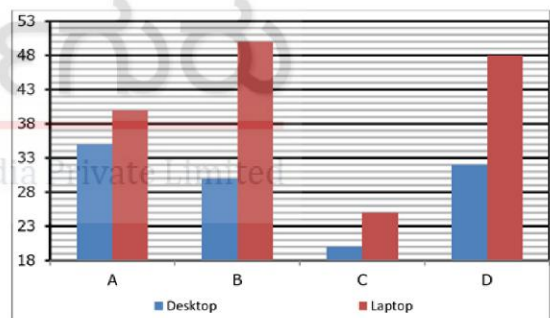
Direction (30-35): Study the following graphs carefully and answer the questions that follow:

A survey is conducted on 500 people asking them whether they use a laptop, desktop or Mac book in four different cities A, B, C and D

The bar-graph given below shows the percentage-distribution of the surveyed people in the 4 cities.



The bar-graph given below shows the percentage-distribution of the people who use Desktop or Laptop particularly in each of the 4 cities.



Total number of people in a city = Number of people uses Desktop + Number of people uses Laptop + Number of people uses Mac book

30). What is the average of the number of people who uses laptop in all 4 cities together?

- (a) 55 (b) 60 (c) 50 (d) 48 (e) None of these

31). The number of people who uses Mac book in city A and B together is what percentage of the total number of people surveyed?

- (a) 9.6% (b) 12% (c) 10.6% (d) 15.5%  
(e) None of these

32). If 25% of the number of people who use desktops in city C are females, then find the number of males who use desktops in city

- (a) 20 (b) 18 (c) 24 (d) 21 (e) None of these

33). If out of the total users(surveyed) of desktop in city D, 25% use dell, 37.5% use Lenovo and rest



use HP, find the difference between the number of HP and dell desktop users in city D .

- (a) 10 (b) 6 (c) 15 (d) 8 (e) 12

34). What is the ratio of the total number of people surveyed in city B to the total number people that use Mac book in city A and B together?

- (a) 7 : 3 (b) 15 : 8 (c) 10 : 7 (d) 9 : 5  
(e) None of these

35). The total number of people that use laptop and Mac book in city D together is how much percentage more or less than the total number of people surveyed in city A?

- (a) 24% (b) 20% (c) 12% (d) 15%  
(e) None of these

## English Language

Direction (1-4): Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If the given sentence is correct, the answer is E, i. e. , "No error". Ignore errors of punctuation, if any.

- 1). The duo set out on their trip (1)/ to the market a third time (2)/ and on reaching the river, (3)/ the donkey very cleverly fall into the water again. (4)  
(a) 1 (b) 2 (c) 3 (d) 4 (e) No error

- 2). There were (1)/ many people (2)/ present on the (3)/ award function. (4)/ No error  
(a) 1 (b) 2 (c) 3 (d) 4 (e) No error

- 3). The merchant laughed at the donkey and said, (1)/ "You foolish donkey, your trick has been discovered (2)/ and you should know that (3)/ you cannot fool anyone too much times. " (4)  
(a) 1 (b) 2 (c) 3 (d) 4 (e) No error

- 4). By now the merchant knew (1)/ the donkey's trick and so (2)/ he want to teach (3)/ the animal a lesson. (4)/ No error (5)  
(a) 1 (b) 2 (c) 3 (d) 4 (e) 5

Direction (5-9): In the given statement some words have been highlighte These words may not be in the correct place making the sentence grammatically and contextually incorrect. Choose the option which represents the correct sequence of words, which will make the sentence grammatically and contextually correct. If the sentence is correct as it is, choose E i. 'No rearrangement required' as your answer.

- 5). Creating good children's literature (1) requires attention (2) and ambition (3), with an eye

for beauty and wonder capable (4) of engaging the brain as well as the heart.

- (a) 1-2 (b) 2-3 (c) 3-4 (d) 1-4  
(e) No exchange required

- 6). The team exemplify (A) that reflecting (B) together the company's employees in performance would decided (C) togetherness while also bringing (D) the history of the event  
(a) A (b) B (c) Both A (d) Both A (e) B

- 7). This menu changes daily (A) and also features an a la carte menu taste (B) those who do not want to for (C) five courses or for those with a dietary restriction or food allergy. (D)  
(a) ACBD (b) BDCA (c) CDAB (d) DBCA  
(e) No rearrangement required

- 8). Rita was a quiet but (A) studious girl, and (B) even she couldn't hold her tongue (C) when it came to her mother's brutish behaviour. (D)  
(a) ACBD (b) BACD (c) CDAB (d) DBCA  
(e) No rearrangement required

- 9). Some people (A) just want to play pool motivations, (B) with no casually (C) for competition or making (D) money.  
(a) BDCA (b) BACD (c) ACBD (d) DBCA  
(e) No rearrangement required

Direction (10-14): In the given question, a part of the sentence is printed in bol Below the sentence alternatives to the bold part are given at (A), (B), (C) and (D) which can be replaced in the sentence Choose the correct alternative In case the given sentence is correct, your answer is, (E) i. , 'No change required'.

- 10). They have to work out deal among themselves to solve the matter.  
(a) Made it (b) Arrange a (c) Dismissed against  
(d) Cut off (e) No change require

- 11). First and foremost, we must deal with the issue of child labour and trafficking.  
(a) Away from (b) Roam about (c) From Below  
(d) Most importantly (e) No change require

- 12). Security during the prime minister's visit must be maintained at all costs.  
(a) Put aside (b) Blow up (c) Break off  
(d) Come what may (e) No change require



- 13).** Professional chess players display amazing mental agility to be able to thinking rapidly and creatively while under pressur
- (a) Mental agility abling to think rapid and creatively while
- (b) Mental agility to be able to think rapidly and creatively while
- (c) Mental agility to be able to think rapid and creative for
- (d) Mental agility to be able to think creatively and rapidly when
- (e) No correction required
- 

- 14).** Being strict immigration laws, people from certain countries were not allowed to relocate to the United States.
- (a) Despite strict immigration laws
- (b) For the sake of strict immigration laws
- (c) Because of strict immigration laws
- (d) Since strict immigration laws
- (e) No correction required
- 

Direction (15-16): Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these

For years, the world of medicine has been steadily advancing the art of robot-assisted procedures, enabling doctors to enhance their technique inside the operating theatr Now US researchers say a robot has successfully performed keyhole surgery on pigs all on its own – without the guiding hand of a human. Furthermore, they add, the robot surgeon produced “significantly better” results than humans.

The breakthrough is another step towards the day when fully automated surgery can be performed on patients. The Smart Tissue Autonomous Robot (Star) carried out laparoscopic surgery to connect two ends of an intestine in four pigs. According to a paper published in Science Robotics, the robot excelled at the procedure, which requires a high level of precision and repetitive movements.

A researcher said it marked the first time a robot had performed laparoscopic surgery without human help. “Our findings show that we can automate one of the most intricate and delicate tasks in surgery: the reconnection of two ends of an intestine,” he sai “The Star performed the procedure in four animals, and it produced significantly better results than humans performing the same procedur ”

Connecting two ends of an intestine is a challenging procedure in gastrointestinal surgery, requiring a surgeon to apply stitches – or sutures – with high accuracy and consistency. Even a slight hand tremor or misplaced stitch can result in a leak that could result in a patient suffering fatal complications.

An assistant professor of mechanical engineering at Johns Hopkins has helped create the robot, a vision-guided system designed specifically to suture soft tissu It improves a 2016 model that repaired a pig's intestines but required a large incision to access the intestine and more guidance from humans. Experts say new features allow for improved surgical precision, including specialised suturing tools and imaging systems that provide more accurate visualisations of the surgical fiel

It is hard for robots to perform soft-tissue surgery because of how unpredictable it can be, forcing them to be able to adapt quickly to handle unexpected obstacles. The paper set out a novel control system in the Star that can adjust the surgical plan in real time, just as a human surgeon woul

“What makes the Star special is that it is the first robotic system to plan, adapt, and execute a surgical plan in soft tissue with minimal human intervention,” the robot's creator sai

“Robotic anastomosis (surgically joining two structures) is one way to ensure that surgical tasks that require high precision and repeatability can be performed with more accuracy and precision in every patient independent of surgeon skill. We hypothesise that this will result in a democratised surgical approach to patient care with more predictable and consistent patient outcomes.”

- 15).** What type of surgery has been performed for the first time by a robot without any human help?
- (a) Keyhole surgery (b) Appendectomy
- (c) Cholecystectomy (d) Tonsillectomy
- (e) None of the above
- 

- 16).** Why is it difficult for robots to perform soft tissue surgeries?

- (a) Because they require adapting to general obstacles.
- (b) Because they are mundane and require no precision.
- (c) Because they require repetitive steps rather than precision.
- (d) Because they require adapting to unexpected obstacles.
- (e) Both B and D
- 

- 17).** Which of the following is TRUE with reference to the passage?

- I. Robots can perform intricate procedures with more accuracy than humans.
- II. Humans are better equipped for intricate procedures because they require levels of precision robots cannot attain.
- III. The robot performed the surgery successfully on white mic



- (a) Both II and III (b) Both I and II (c) Only I  
(d) Only III (e) All I, II, and III

18). Which of the following is NOT TRUE with reference to the passage?

- I. The successful robotic surgery being discussed marks an advancement in developing fully automated surgeries.
- II. Fully automated surgeries are expected to make patient outcomes unpredictable.
- III. STAR has used an auditory-guidance system designed specifically to suture soft tissue for the surgery.

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

19). Which of the following accurately outlines the drawback of the 2016 model?

- I. It required a large incision for access.
- II. It required minimal human interference.
- III. It required more guidance from humans.

- (a) Only I (b) Both I and II (c) Both I and III  
(d) Only II (e) None of the above

20). Which of the following is the most SIMILAR to the following word as used in the passage?

Intricate

- (a) Simple (b) Uncomplicated (c) Straightforward  
(d) Complicated (e) None of the above

21). Which of the following is the most OPPOSITE to the following word as used in the passage?

Hypothesize

- (a) Speculate (b) Theorise (c) Compute  
(d) Presume (e) None of the above

Direction : Read the passage given below and answer the questions that follow:

There's no question that Australia is a far more racist country than its political class like to admit. No amount of spin should be capable of disorientating hard facts sufficiently to obfuscate that reality. I understand how a certain amount of privilege in life provides a buffer to the kinds of racialised discrimination, prejudice and hate speech that daily infects the lives of people of colour in Australia.

But surely by now, in the heavily media saturated environment we inhabit, claiming colour-blindness, whether in an Australian context or global society, isn't possible. Undoubtedly, this is partly due to the

"filter bubbles" created by the algorithms that shape the most pervasive media in each of our lives. In these safely curated backwaters, our social media newsfeeds – now always ready at hand – reinforce our preferred constructions of the world.

For politicians, there is also the element of political expediency. Apparently this provides some weird kind of "balance" for government apologists. You can see it for yourself in their condescending rationalisations on Facebook and Twitter should you choose to surf beyond the reef of your own social media echo chamber. Australia is deplorably racist. It was founded on a racist document and hasn't improved.

For readers who have chosen not to follow this particular "thread", that's the dilemma that's afflicted the nation for the past six or seven years. Don't laugh, there are millions of Australians who have no idea about and zero interest in the Uluru Statement from the Heart and any of the work put in before it or since. Networks of them message me and other Black pundits to momentarily assert themselves on the situation whenever we speak out about racism.

The recent surge in racism is not an anomaly. For many white, liberal-minded Australians, recent media commentary over the appearance of a notorious white nationalist on the Sky News channel was the first indication that our society remains deeply stricken by racism. And for many of them, the subsequent banning of said individual and the news channel's "icing" of the particular program on which he appeared is a sufficient practical and symbolic rejection of racism. For others, the concern is that it is too little too late. The neo-Nazi is out of the bag. By banning him from ever appearing on its channel again, Sky News has centred – or normalised – its regular hard-right editorials.

In the past fortnight alone, concerted attacks by Australian racists on media figures such as Osman Faruqi and Benjamin Law have caught my attention. In Faruqi's case, the racialised and disproportionate abuse he received for supporting the banning of plastic bags from supermarkets has threatened to silence his activity on Twitter. Meanwhile, the racial abuse directed at Law involved a thinly-veiled death threat for suggesting Virgin Australia cease broadcasting Sky News in their lounges.

On Wednesday, to bring attention to the toxicity of the abuse being directed towards outspoken people of colour, I tweeted a screenshot of an email from "whitepride" titled "fuck you abo dogs" that was sent to the administrators of the Aboriginal and Torres Strait Islanders online platform, IndigenousX. If this kind of racial vilification reflects the current social environment, how is it possible for Aboriginal people to feel optimistic about a "reconciled" future in Australia?

22). Which of the following would follow the last line of the passage?

- (a) Racial ideology that's seemingly in perpetual motion in this country, has been present since at least federation and arguably further back.
- (b) Particularly when the kinds of attitudes that consider us "dirty black dogs" are so valued by embattled Australian politicians every time a dicey election rolls around
- (c) We are just supposed to accept that white Australia is incapable of not being racist.
- (d) Other established and emerging First Nations writers and commentators have informed me they have also experienced an upsurge of similar abuse in recent weeks.
- (e) Racial ideology that's seemingly in perpetual motion in this country, has been present since at least federation and arguably further back.

Direction (23-26): The following question carries a statement with four highlighted words. The words are denoted by (A), (B), (C) and (D). One of these words may either be misspelt or incorrect in the given context. Identify the incorrect word. If all the words are correct, mark option E, 'All are correct' as your answer.

- 23). The former (A) minister on Monday took oath (B) as the new chief minister of the newly formed (C) state (D).

(a) A (b) B (c) C (d) D (e) All are correct

- 24). The country will resume (A) the export of vaccines under its new programme (B) to fulfil its commitment (C) towards the other countries (D).

(a) A (b) B (c) C (d) D (e) All are correct

- 25). A passenger (A) booked the entire (B) business class (C) in an aeroplane to insure (D) a comfortable flight for her pet.

(a) A (b) B (c) C (d) D (e) All are correct

- 26). The brother of the king (A) is next in line (B) to inherit (C) the throne (D) of the kingdom.

(a) A (b) B (c) C (d) D (e) All are correct

Direction (27-30): In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E).

- 27). Rearrange all the segments to form a coherent statement.

- A) resources that are  
B) virtualization is technology  
C) traditionally bound to hardware  
D) useful IT services using  
E) that lets you create

(a) CABDE (b) CBDEA (c) BDAEC (d) BEDAC  
(e) EBCAD

- 28). A) needs to be understood

- B) pandemic and its aftermath  
C) the existent skills gap  
D) in the context of the COVID-19  
E) in the country's workforce

(a) ABCED (b) ABCDE (c) BECAD (d) CADEB  
(e) CEADB

- 29). A) a protective zinc

- B) steel to prevent rusting  
C) coating to iron or  
D) galvanization is the  
E) process of applying

(a) DEACB (b) DBAEC (c) BCDEA (d) CBDEA  
(e) ADBEC

- 30). A) in defined populations

- B) epidemiology is the study  
C) and disease conditions  
D) patterns and determinants of health  
E) and analysis of the distribution,

(a) ABCDE (b) AEBDC (c) BACED (d) BEDCA  
(e) EDBCA