# SSC GD

## TEST SERIES

DATE- __/__/__
DAY- _____

**INSTRUCTION FOR CANDIDATE**

**TEST SERIES NO.**
SG Set 07

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.

## Spardhaguru India Private Limited

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**Spardhaguru India Private Limited**
Website:- www.spardha.guru    Email ID:- info@spardha.guru
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10 Years of Excellence
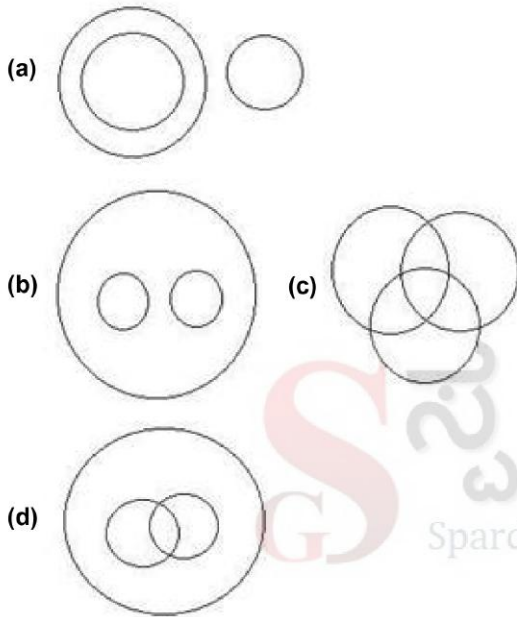
## General Intelligence & Reasoning

**1).** Which Venn diagram best represents the given set of classes?

Bedroom, Kitchen, House

**(a)**

**(b)**    **(c)**

**(d)**

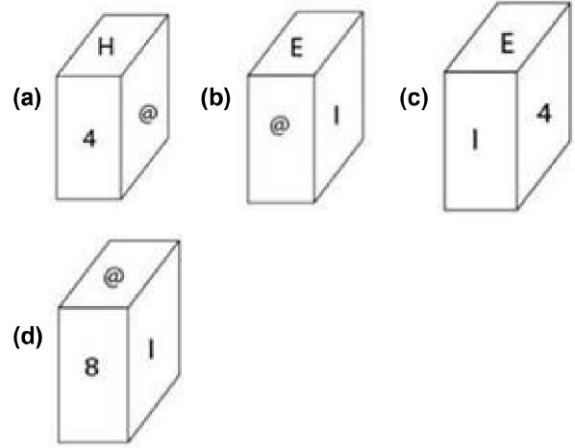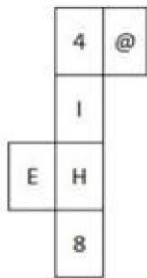**2).** In a code language, DOUBT is written as CPTCS, and OTHER is written as NUGFQ. How will SHOUT be written in that code language?

**(a)** RGNTS    **(b)** TIPVU    **(c)** RIPTU    **(d)** RINVS

**3).** Choose the box that is similar to the box formed from the given sheet of paper.

```
      4  @
         I
   E  H
      8
```

**(a)** H / 4 / @

**(b)** E / @ / I

**(c)** E / I / 4

**(d)** @ / 8 / I

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

45 : 135 :: 60 : ?

**(a)** 175    **(b)** 210    **(c)** 140    **(d)** 180

**5).** Find out the two signs to be interchanged for making following equation correct.

$5 + 3 \times 4 - 12 \div 2 = -1$

**(a)** + and -    **(b)** + and ×    **(c)** + and ÷    **(d)** × and ÷

**6).** Find the missing number from the below options

| 3 | 10 |
| 5 | 8 |
| 7 | ? |
| 5 | 8 |

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

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

56 : 8 :: 91 : ?

**(a)** 17    **(b)** 13    **(c)** 15    **(d)** 19

**8).** If 'A' is replaced by '+'; if 'B' is replaced by '-'; 'C' is replaced by '÷'; and 'D' replaced by '×', find the

value of the following equation.

51C17D15A22B34

(a) 45   (b) 55   (c) 33   (d) 65

---

9). Select the correct option that will fill in the blank and complete the series.
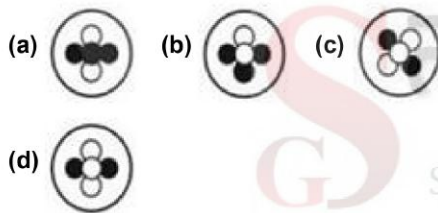
12, 24, 96, 576, _____

(a) 4506   (b) 4160   (c) 4608   (d) 4000

---

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

35, 40, 50, 70, 110, ?

(a) 140   (b) 170   (c) 190   (d) 160

---

11). Choose the correct option that will replace the question mark and continue the given figure series.



(a)    (b)    (c) 

(d) 

---

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

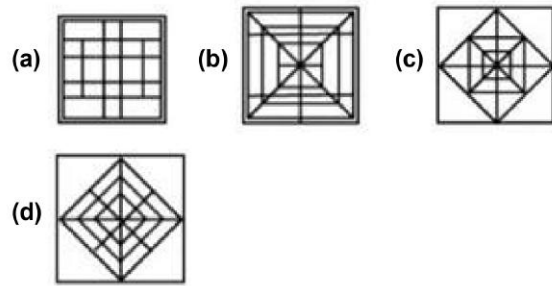(a) Fenugreek   (b) Coccinia   (c) Amaranth

(d) Spinach

---

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

6, 9, 15, 27, 51, _____

(a) 99   (b) 77   (c) 66   (d) 88

---

14). Choose the option figure in which the problem figure is hidden/embedded.

Problem figure:



---

(a)    (b)    (c) 

(d) 

---

15). Find the odd letter cluster.

(a) NM   (b) BD   (c) IR   (d) PK

---

16). Observe the series and answer the question. What will be the fourth letter of the missing term?

BPCR, DPES, FPGT, ?, JPKV

(a) Y   (b) U   (c) X   (d) W

---

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

2, 3, 9, 12, 30, 39, 93, _____

(a) 201   (b) 120   (c) 102   (d) 210

---

18). Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.
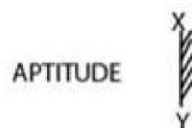
(a) Carbohydrates   (b) Enzymes   (c) Proteins

(d) Vitamins

---

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

$P_2CT$, _____, $PCT_4$, $P_5CT$, $PC_6T$

(a) $PC_3T$   (b) $P_2C_3T$   (c) $P_2C_2T$   (d) $PCT_7$

---

20). Choose the alternative which most closely resembles the mirror image of the given word when mirror is placed at XY line.

APTITUDE



(a) ƎᗡUTITꟼA   (b) ƎᗡUTITꟼA

(c) ЕᗡПTITꟼA   (d) ƎᗡU TITꟼA

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**General Knowledge & General Awareness**

**1).** As of 2018 who was the CEO of the National Culture Fund?

**(a)** Anupam Kher    **(b)** Ramesh Sippy

**(c)** Rahul Nath    **(d)** K L Dhingra

**2).** Name the period in which the Slave dynasty existed in India.

**(a)** AD 899-1000    **(b)** AD 1206-1290

**(c)** AD 189-321    **(d)** AD 1690-1715

**3).** International day of the Girl child is observed every year on which day?

**(a)** 11th October    **(b)** 30th November    **(c)** 1st April

**(d)** 18th January

**4).** 2018 Rajiv Gandhi Khel Ratna award was given to _____.

**(a)** Hima Das    **(b)** Virat Kohli    **(c)** Chithra P U

**(d)** Neeraj Chopra

**5).** Name the new kind of painting that was developed in Eastern India (Bengal, Bihar and Orissa) during the Pala kingdom in $9^{th}$ – $10^{th}$ century A.D.

**(a)** Miniature painting    **(b)** Mural painting

**(c)** Oil painting    **(d)** Tanjore painting

**6).** Name the first product to get a GI tag in India.

**(a)** Darjeeling Tea    **(b)** Kanchipuram silk

**(c)** Aranmula kannadi    **(d)** Alphonso Mango

**7).** How many individuals have achieved the distinction of winning the double Nobel Prize?

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

**8).** The epicenter of the earthquake that caused a tsunami on 26/12/2004 was located in the _____.

**(a)** Southern Ocean    **(b)** Pacific Ocean

**(c)** Indian Ocean    **(d)** Atlantic Ocean

**9).** The International Conference on Status and Protection of Coral Reefs (STAPCOR – 2018) was held at _____.

**(a)** Lakshadweep    **(b)** Andaman    **(c)** Goa    **(d)** Diu

**10).** In which year was the National Culture Fund created as a Trust?

**(a)** 1996    **(b)** 1999    **(c)** 2002    **(d)** 2010

**11).** In which language was 'Tawarikh' written?

**(a)** Tulu    **(b)** Persian    **(c)** Punjabi    **(d)** Urdu

**12).** What type of process is Corrosion?

**(a)** Mechanical process    **(b)** Electrical process

**(c)** Electrochemical process    **(d)** Manual process

**13).** Pattachitra style of painting is one of the oldest and most popular art forms of _____.

**(a)** Karnataka    **(b)** Odisha    **(c)** Kerala

**(d)** Tamil Nadu

**14).** Basavan was a famous _____ in ancient India.

**(a)** Actor    **(b)** Musician    **(c)** King    **(d)** Painter

**15).** Damayanti Joshi is a famous _____.

**(a)** Kathak dancer    **(b)** Bengal poet

**(c)** Carnatic singer    **(d)** Tamil artist

**16).** What was the per capita income in India at current prices during 2017-18?

**(a)** 1.13 lakh    **(b)** 1.23 lakh    **(c)** 1.03 lakh

**(d)** 1.33 lakh

**17).** Which year witnessed the rise of the Rashtrakuta dynasty that ruled the Deccan and surrounding areas?

**(a)** AD 987    **(b)** AD 1678    **(c)** AD 753    **(d)** AD 1278

**18).** The Pullela Gopichand Academy trains _____.

**(a)** Tennis players    **(b)** Badminton players

**(c)** Wrestlers    **(d)** Cricketers

**19).** What was the total amount of Bank deposit in India as on $31^{st}$ March 2018?

**(a)** 107 lakh crore    **(b)** 137 lakh crore

**(c)** 127 lakh crore    **(d)** 117 lakh crore

**20).** Name the disinfectant that is used to purify water after it has been Iodine-treated.

**(a)** Potassium    **(b)** Iron    **(c)** Vitamin C    **(d)** Calcium

# Elementary Mathematics

**1).** A, B and C enter into a partnership with capitals in the ratio $\frac{2}{3} : \frac{3}{5} : \frac{5}{6}$. After 8 months, A increases his share of capital by 25%. If at the end of the
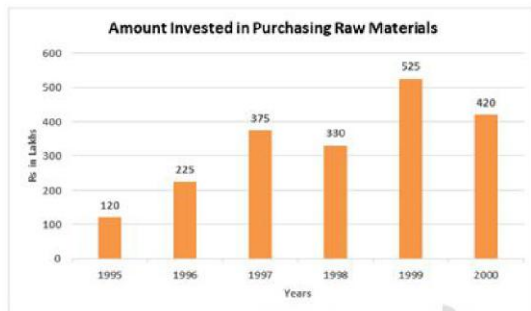
year, the total profit earned is Rs. 5820, then the share of C in the profit is:

(a) Rs. 2,050    (b) Rs. 2,350    (c) Rs. 2,450

(d) Rs. 2,250

---

**2).** $(320 + 342 + 530 + 915) ÷ (20 + 22 − x + 18) = 43$, then the value of x is:
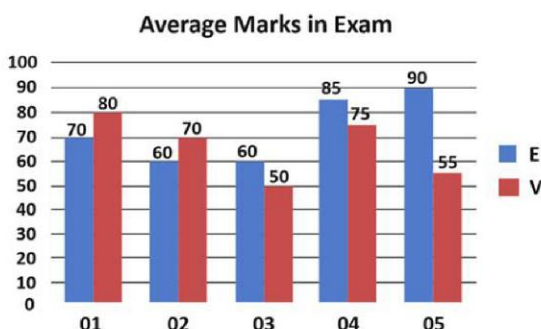
(a) 15    (b) 11    (c) 26    (d) 23

---

**3).** Out of the two bar graphs provided below, one shows the amounts (Rs. in Lakhs) invested by a company in purchasing raw materials over the years and the other shows the values (Rs. in Lakhs) of finished goods sold by the company over the years.



Amount Invested in Purchasing Raw Materials



Value of Sales of Finished Goods (Rs. in Lakhs)

What was the difference between the average amount invested in raw materials during 1997 to 2000 and the average value of sales of finished goods during the same period 1997 to 2000?

(a) 77.5 lakhs    (b) 70.5 lakhs    (c) 76.5 lakhs

(d) 87.5 lakhs

---

**4).** The given bar chart presents the average marks obtained in English (E) and vernacular (V) by the students of five districts D1, D2, D3, D4, D5 in a state at the secondary level examination of a particular year marks secured out of a total of 100.



Average Marks in Exam

What is the difference between the average percentage of marks in vernacular of the districts (D1, D2, D4) and (D3, D5)?

(a) 1.7%    (b) 11.3%    (c) 22.5%    (d) 3.5%

---

**5).** What is the simplified value of

$$\left[1 - \cfrac{1}{4 - \cfrac{2}{1 + \cfrac{1}{\frac{1}{3} ÷ 2}}}\right] \times \frac{15}{16} ÷ \frac{2}{3} \text{ of } 2\frac{1}{4} - \frac{3 ÷ 4}{3^3 ÷ 4^3} \ ?$$

(a) $\frac{5}{13}$    (b) $\frac{4}{13}$    (c) $\frac{8}{13}$    (d) $\frac{6}{13}$

---

**6).** Which is the largest six-digit number, which when divided by 12, 15, 20, 24 and 30, leaves the remainders 8, 11, 16, 20 and 26 respectively?

(a) 999956    (b) 999982    (c) 999960    (d) 999964

---

**7).** IF the six-digit number 479xyz is exactly divisible by 7, 11 and 13, then {(y + z) ÷ x} is equal to :

(a) 4    (b) $\frac{11}{9}$    (c) $\frac{7}{13}$    (d) $\frac{13}{7}$

---

**8).** 60 discs each of diameter 21 cm and thickness $\frac{1}{3}$ cm are stacked one above the other to form a right circular cylinder. What is the volume in $m^3$, if $\pi = \frac{22}{7}$?

(a) $7.62 \times 10^{-2}$    (b) $8.05 \times 10^{-2}$    (c) $6.93 \times 10^{-2}$

(d) $4.25 \times 10^{-2}$

---

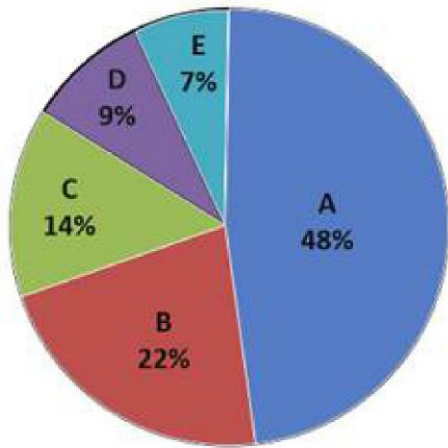**9).** What is (0.08% of 0.008% of 8)$^{1/9}$?

(a) 0.2    (b) 0.08    (c) 0.8    (d) 0.64

---

**10).** An article was sold for Rs. 98,496 after providing three successive discounts of 10%, 5% and 4% respectively on the marked price. What was the marked price?

(a) Rs. 1,20,000    (b) Rs. 1,10,700    (c) Rs. 1,20,200

(d) Rs. 1,20,500

---

**11).** The given pie-chart represents the distribution of the percentage of sales of a particular brand of car from five showrooms A, B, C, D and E during 2018. The total number of cars sold during that year from the five showrooms is 5000.

What is the central angle (nearest to 0.1 degree) of the sector corresponding to the sales from the showroom C?

(a) 48.6   (b) 60.5   (c) 56.7   (d) 50.4

**12).** If $0 \leq \theta \leq 90^\circ$, and $\sec^{107}\theta + \cos^{107}\theta = 2$, then, $(\sec\theta + \cos\theta)$ is equal to :

(a) 2   (b) 1   (c) $\frac{1}{2}$   (d) $2^{-107}$

**13).** A clock tower stands at the crossing of two roads which point in the north-south and the east-west directions. P, Q, R and S are points on the roads due north, east, south and west respectively, where the angles of elevation of the top of the tower are respectively, α, β, γ and δ. Then $\left(\frac{PQ}{RS}\right)^2$ is equal to:

(a) $\dfrac{\tan^2\alpha + \tan^2\beta}{\tan^2\gamma + \tan^2\delta}$   (b) $\dfrac{\cot^2\alpha + \cot^2\beta}{\cot^2\gamma + \cot^2\delta}$

(c) $\dfrac{\cot^2\alpha + \cot^2\delta}{\cot^2\beta + \cot^2\gamma}$   (d) $\dfrac{\tan^2\alpha + \tan^2\delta}{\tan^2\beta + \tan^2\gamma}$

**14).** If $0 \leq \theta \leq 90^\circ$, and $\sin(2\theta + 50^\circ) = \cos(4\theta + 16^\circ)$, then what is the value of θ (in degrees)?

(a) $10^\circ$   (b) $8^\circ$   (c) $4^\circ$   (d) $12^\circ$

**15).** A cylinder 84 cm long is made of steel. Its external and internal diameters are 10 cm and 8 cm respectively. What is the volume of the steel in the cylinder (in $10^{-3}$ $m^3$ and correct up to three decimal places)?

(a) 2.112   (b) 9.504   (c) 2.373   (d) 4.752

**16).** If 10 men can complete a piece of work in 12 days by working 7 hours a day, then in how many days can 14 men do the same work by working 6 hours a day?

(a) 15   (b) 16   (c) 10   (d) 12

**17).** I purchase 100 kg of tea and sell it for a profit to the extent of what I would have paid for 40 kg.

What is my profit percentage?

(a) 30%   (b) 20%   (c) 25%   (d) 40%

**18).** In a △ABC, angle BAC = 90°. If BC = 25 cm, then what is the length of the median AD?

(a) 10 cm   (b) 12.5 cm   (c) 14.5 cm   (d) 24 cm

**19).** The two parallel sides of a trapezium are 27 cm and 13 cm respectively. If the height of the trapezium is 8 cm. Then what is its area in $m^2$?

(a) 0.032   (b) 0.056   (c) 0.016   (d) 0.32

**20).** The ratio of two numbers is 3 : 5. If eight is added to the first, and seven to the second, then the ratio becomes 2 : 3. What will be the ratio become if six is added to each?

(a) 9 : 14   (b) 5 : 7   (c) 5 : 9   (d) 7 : 9

## English Language

**1).** Identify the segment in the sentence which contains the grammatical error.

Due to heavy rain, the bridge collapsed leads to a huge traffic jam.

(a) the bridge collapsed   (b) Due to heavy rain

(c) leads to   (d) a huge traffic jam

**2).** Given below are four jumbled sentences. Pick the option that gives their correct order.

A) Pradeep Sangwan has been fond of trekking in the Himalayas for years.

B) It all started when he took just one trek in 2009 and fell in love with the Himalayas.

C) Today he isn't alone in appreciating the majesty of the landscape as the tourism industry has introduced trekking expeditions for young mountain climbers.

D) At the age of 33, his love affair saw him trek an average of 2,000 km a year and he enjoyed every bit of it.

(a) ADBC   (b) ABDC   (c) ADCB   (d) ACBD

**3).** 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'.

Either the chairperson or the secretary has to give approval for the new project.

(a) is having   (b) have   (c) having

(d) No substitution

**4).** Identify the segment in the sentence which contains the grammatical error.

Instead of watching television or playing video games, children should be encouraged reading books.

(a) reading books    (b) children should be encouraged

(c) or playing video games

(d) Instead of watching television

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

I want you to _____ Mr. Jain that the company's decision is final.

(a) convey with    (b) conveyed for    (c) convey to

(d) conveying to

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

Shruti told me, "I cannot cope with the pressure of balancing office work and home."

(a) Shruti said me she cannot cope with the pressure of balancing office work and home.

(b) Shruti asked me she cannot cope with the pressure of balancing office work and home.

(c) Shruti tells me that she cannot cope with the pressure of balancing office work and home.

(d) Shruti told me that she could not cope with the pressure of balancing office work and home.

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

My uncle is spending a few days with us turned out to be a blessing in disguise as he helped me prepare for my math's exam.

(a) a visit by someone whom you do not like

(b) something good that seems bad at first

(c) something that you are not able to recognise

(d) an event that is really bad in the long run

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

Someone has eaten the ice cream.

(a) The ice cream is being eaten by someone.

(b) The ice cream is eaten by someone.

(c) The ice cream had been eaten by someone.

(d) The ice cream has been eaten by someone.

**9).** 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'.

I advised my friend will apologise to her mother for her rude behaviour.

(a) for apologising to    (b) to apologise to

(c) No substitution    (d) are to apologise of

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

EMINENT

(a) affluent    (b) unique    (c) renowned    (d) honest

**11).** Select the most appropriate synonym of the given word

ERRONEOUS

(a) incapable    (b) undoubtable    (c) unpardonable

(d) inaccurate

**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'.

It is better to be safe then sorry.

(a) than to be sorry    (b) then to be sorrow

(c) No substitution    (d) than to being sorry

**13).** Select the most appropriate antonym of the given word

OMINOUS

(a) oppressive    (b) sinister    (c) dangerous

(d) auspicious

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

Reena said to me, "I commute two hours one way to reach my place of work."

(a) Reena told me that she had been commuting two hours one way to reach her place of work.

(b) Reena told me that she commuted two hours one way to reach her place of work.

(c) Reena is saying to me that she commutes two hours one way to reach her place of work.

(d) Reena told me that she was commuting two hours one way to reach her place of work.

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

Our school team has won the cricket championship.

**(a)** The cricket championship is won by our school team.

**(b)** The cricket championship has been won by our school team.

**(c)** The cricket championship had been won by our school team.

**(d)** The cricket championship was won by our school team.

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DIRECTION 21 -25 Read the following passage and answer the questions that follow.

It's odd to say this, but even as a four-year-old, I knew that this trip had changed my life forever. I grew up watching BBC wildlife documentaries, so when my dad brought me to the Maasai Mara National Reserve in Kenya for a safari adventure to see lions, giraffes, elephants and other magnificent creatures thrive in their natural habitat, I was delirious with joy and a sense of wonder. I knew then that I wanted my life to revolve around wildlife. Not just to appreciate them, but to do everything I could to help look after them.

After years of honing my craft, I became a wildlife filmmaker and went into the middle of the Bornean rainforest to direct and produce "Operation Sumatran Rhino", a National Geographic wildlife conservation documentary on the rescue of the last critically endangered Sumatran rhino of MalaysiIt took me three years to follow the conservation efforts and tell that story. The four-year-old in me was high-fiving himself.

Today, I am proud to share with you 'A Wild Life', Our Better World's first-ever wildlife conservation series. A project half a year in the making that puts Asian conservation stories in the spotlight by showcasing the threats that wildlife face, and what we can do to make a difference. A narrative adventure with the goal of getting more people to care for wildlife but for storytelling too.

All the time in between, especially during the years spent learning how to tell stories, has forged me into what I am – an impact storyteller. Someone who believes that content is a means to an enA catalyst to move you into action.

**16).** If you are watching 'A Wild Life', you are watching _____.

**(a)** an imaginary story about wild animals

**(b)** a film on world wildlife

**(c)** a film produced by BBC

**(d)** a series on Asian wildlife

---

**17).** On reading about the narrator's activities, we can understand that he _____.

**(a)** is passionate about wildlife and its conservation

**(b)** aspires to become a world-famous filmmaker

**(c)** likes to experience life with all kinds of wild animals

**(d)** wants to spend some time looking after animals

---

**18).** The narrator visited the Maasai Mara National Reserve in Kenya to _____.

**(a)** save some of the endangered animals living there.

**(b)** observe animals surviving in their natural conditions.

**(c)** write an interesting story on wild life.

**(d)** watch documentaries made by BBC

---

**19).** Operation Sumatran Rhino refers to _____.

**(a)** the name of a well-known wildlife filmmaker

**(b)** a documentary about the endangered Sumatran rhinos of Malayasia

**(c)** a rainforest in Sumatra popular with wildlife tourists

**(d)** the story of the Sumatran Rhinos who are very ill

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**20).** In producing 'A Wild Life', the aim was to _____.

**(a)** narrate adventure stories of wildlife

**(b)** create love for animals

**(c)** sensitise people to care for wildlife and save it

**(d)** ensure safety of both mankind and animals