

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Test Booklet Series

T. B. C. : CSP – 21/2

A

TEST BOOKLET

GENERAL STUDIES

PAPER – II

Sl. No.

243037

Time Allowed : 2 Hours

Maximum Marks : 200

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C OR D**, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).
3. You have to enter your **Roll No.** on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.
4. **YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.**
5. This Test Booklet contains **80** items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose **ONLY ONE** response (answer) for each item (question).
6. You have to mark (darken) all your responses (answers) **ONLY** on the **separate Answer Sheet** provided, by using **BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.
7. (i) All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet.
 (ii) **There will be negative markings for wrong responses (answers). 25 (Twenty five) percentage of marks allotted to a particular item (question) will be deducted as negative marking for every wrong response (answer).**
 (iii) **If candidates give more than one response (answer), it will be treated as wrong response (answer) even if one of the given responses (answers) happens to be correct and there will be same penalty as above to that item(question).**
8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your **Admission Certificate**.
9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the **Answer Sheet** issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the **Test Booklet**, after completion of the examination, for your reference.
10. Sheets for rough work are appended in the Test Booklet at the end.

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SEAL

Direction (Q. Nos. 1-10) : Read the following information carefully and then answer the questions given below it.

Nature writing is non-fiction or fiction prose or poetry about the natural environment. Nature writing encompasses a wide variety of works, ranging from those that place primary emphasis on natural history facts (such as field guides) to those in which philosophical interpretation predominate. It includes natural history essays, poetry, essays of solitude or escape, as well as travel and adventure writing.

Nature writing often draws heavily on scientific information and facts about the natural world ; at the same time, it is frequently written in the first person and incorporates personal observations of and philosophical reflections upon nature.

Modern nature writing traces its roots to the works of natural history that were popular in the second half of the 18th century and throughout the 19th. An important early figure was the "parson-naturalist" Gilbert White (1720-1793), a pioneering English naturalist and ornithologist. He is best known for his *Natural History and Antiquities of Selborne* (1789).

Read the passage and choose and most appropriate option :

✓ 1. Nature writing emphasizes on :

- (i) ✓ Historical facts about the nature

- (ii) ✓ Philosophical interpretations of the nature
- (iii) ✓ Scientific information and facts

Choose the most appropriate :

- (A) None of these
- (B) Only (i) and (ii)
- ✓ (C) All of these
- (D) Only (i) and (iii)

✓ 2. Based on the passage what is period to which the modern nature writing can be traced to ?

- (A) 1850 till 1999
- (B) 1850 till 1899
- ✓ (C) 1750 till 1899
- (D) 1750 till 1900

✓ 3. Which statement summarizes the above passage ?

- (A) The passage talks about the life and lessons of Gilbert White, a profound naturalist and ornithologist.
- (B) The passage talks about how the nature writing is missing in the modern era and needs to be revived.
- (C) The passage talks about from where the writers draw inspiration for nature writing, and how its importance is diminishing in the modern era.
- ✓ (D) The passage talks about what nature writing is, the different types of nature writing, its style, and about the roots and pioneer of modern nature writing.

4. Which word aptly describes the word "reflections" as used in the passage ?

- (A) Opinion
- (B) Reproduction
- (C) Images
- (D) None of these

5. According to the passage, what kinds of works are written as part of nature writing ?

- (i) Natural history essays and essays of solitude or escape ✓
- (ii) Poetry ✓
- (iii) Travel and adventure writing ✓

Choose the correct options :

- (A) Only (i)
- (B) Only (i) and (ii)
- (C) Only (ii) and (iii)
- ✓ (D) All of these

6. Gilbert White was a _____.

- (A) Scientist
- (B) Natural scientist

- ✓ (C) Naturalist and ornithologist
- (D) None of these

7. Nature writing is often written in the _____.

- ✓ (A) first person and with personal observation
- (B) omniscient and all pervasive
- (C) None of these

8. Tick the name of the Parson-naturalist :

- (A) Salim Ali
- ✓ (B) Gilbert White
- (C) Gilbert Albert White
- (D) Geoffery White

9. The above comprehension passage contains _____ paragraphs.

- (A) 5
- (B) 2
- ✓ (C) 3
- (D) 1

10. Nature writing is _____.

- (A) Non-fiction
- (B) Prose fiction
- (C) Poetry
- ✓ (D) All of these

Direction (Q. Nos. 11-15) : Read the following passages carefully and then answer the questions given below it.

Economists have spent most of the 20th century ignoring psychology, positive or otherwise. But today there is a great deal of emphasis on how happiness can shape global economies, or — on a smaller scale — successful business practice. This is driven, in part, by a trend in “measuring” positive emotions, mostly so they can be optimized. Neuroscientists, for example, claim to be able to locate specific emotions, such as happiness or disappointment, in particular areas of the brain. Wearable technologies, such as Spire, offer data-driven advice on how to reduce stress.

We are no longer just dealing with “happiness” in a philosophical or romantic sense — it has become something that can be monitored and measured, including by our behaviour, use of social media and bodily indicators such as pulse rate and facial expressions.

There is nothing automatically sinister about this trend. But it is disquieting that the businesses and experts driving the quantification of happiness claim to have our best interests at heart, often concealing

their own agendas in the process. In the workplace, happy workers are viewed as a “win-win”. Work becomes more pleasant, and employees, more productive. But this is now being pursued through the use of performance-evaluating wearable technology, such as Humanyze or Virgin Pulse, both of which monitor physical signs of stress and activity towards the goal of increasing productivity.

Cities such as Dubai, which has pledged to become the “happiest city in the world,” dream up ever-more elaborate and intrusive ways of collecting data on well-being — to the point where there is now talk of using CCTV cameras to monitor facial expressions in public spaces. New ways of detecting emotions are hitting the market all the time. One company, Beyond Verbal, aims to calculate moods conveyed in a phone conversation, potentially without the knowledge of at least one of the participants. And Facebook [has] demonstrated ... that it could influence our emotions through tweaking our news feeds — opening the door to ever-more targeted manipulation in advertising and influence.

As the science grows more sophisticated and technologies become more intimate with our thoughts and

bodies, a clear trend is emerging. Where happiness indicators were once used as a basis to reform society, challenging the obsession with money that G. D. P. measurement entrenches, they are increasingly used as a basis to transform or discipline individuals.

Happiness becomes a personal project, that each of us must now work on, like going to the gym. Since the 1970s, depression has come to be viewed as a cognitive or neurological defect in the individual, and never a consequence of circumstances. All of this simply escalates the sense of responsibility each of us feels for our own feelings, and with it, the sense of failure when things go badly. A society that deliberately removed certain sources of misery, such as precarious and exploitative employment, may well be a happier one. But we won't get there by making this single, often fleeting emotion, the over-arching goal.

11. In the author's opinion, the shift in thinking in the 1970s :

- (A) introduced greater stress into people's lives as they were expected to be responsible for their own happiness.

- (B) was a welcome change from the earlier view that depression could be cured by changing circumstances.
- (C) put people in touch with their own feelings rather than depending on psychologists.
- (D) reflected the emergence of neuroscience as the authority on human emotions.

12. The author's view would be undermined by which of the following research findings ?

- (A) There is a definitive move towards the adoption of wearable technology that taps into emotions.
- (B) A proliferation of gyms that are collecting data on customer well being.
- (C) Individuals worldwide are utilising technologies to monitor and increase their well-being.
- (D) Stakeholders globally are moving away from collecting data on the well-being of individuals.

13. According to the author, Dubai :
- (A) develops sophisticated technologies to monitor its inhabitants' states of mind.
 - (B) incentivises companies that prioritise worker welfare.
 - (C) Collaborates with Facebook to selectively influence its inhabitants' moods.
 - (D) is on its way to becoming one of the world's happiest cities.
14. According to the author, wearable technologies and social media are contributing most to :
- (A) happiness as a "personal project".
 - (B) disciplining individuals to be happy.
 - (C) depression as a thing of the past.
 - (D) making individuals aware of stress in their lives.
15. From the passage we can infer that the author would like economists to :
- (A) correlate measurements of happiness with economic indicators.
 - (B) measure the effectiveness of Facebook and Social media advertising.
 - (C) incorporate psychological findings into their research cautiously.
 - (D) work closely with neuroscientists to understand human behaviour.
16. Because Sherry is so _____, we can never predict what he will do at any moment.
- (A) old
 - (B) immature
 - (C) inconstant
 - (D) lazy
17. Identify the best way of writing a sentence :
- Had he realized how close he were to failing, he would not have gone to the party.
- (A) Had he realized how close he was to failing, he would not have gone to the party.
 - (B) If he had realized how close he was to failing, he would not have gone to the party.
 - (C) Had he had realized how close he was to failing, he would not have gone to the party.
 - (D) When he realized how close he was to failing, he did not go to the party.

18. Identify the correct sentences :

- (i) She has a fair chance of winning the first prize.
- (ii) Fair weather is forecasted for tomorrow.
- (iii) There's a fair on at the park this very week.
- (iv) Don't forget to wind down your watch.

- (A) (i) only
- (B) (i) and (iii) only
- (C) (i), (ii) and (iii) only
- (D) None of these

19. You are a member of the sports team of your college. One day due to misunderstanding, other members stop talking to you. You :

- (A) ask someone to mediate
- (B) wait till they come and start talking again
- (C) keep to yourself and let things take their time for improving
- (D) go forward and start talking

20. Arrange the following sentence in proper sequence :

- (i) He began to sob.

- (ii) He received the sad news.
- (iii) He was consoled by his friends.

- (A) (ii), (i) and (iii)
- (B) (i), (iii) and (ii)
- (C) (ii), (iii) and (i)
- (D) (iii), (ii) and (i)

Direction (Q. Nos. 21-25) : Read the passage and the questions and choose the correct choice :

Amrit and Don are writers and Athletes. Benny is a writer, Cadamus is a politician, writer and social worker. Amrit is a writer and social worker. Daya and Cadamus are actors and social workers. Benny and Elan are politicians and athletes.

21. Who is a writer, social worker and politician ?

- (A) Amrit
- (B) Benny
- (C) Cadamus
- (D) Daya

	Wri	Ath	Pol	Soc	Act
Amrit	✓	✓		✓	
Don	✓	✓			
Benny	✓	✓	✓		
Cadamus	✓		✓	✓	✓
Daya				✓	✓
Elan		✓	✓		

22. Who is a writer, social worker and athlete ?

- (A) Amrit
- (B) Benny
- (C) Cadamus
- (D) Daya

23. Who is a writer, social worker and politician but not an athlete ?
- (A) Amrit
(B) Benny
☒ (C) Cadamus
(D) Elan
24. Who is a writer, athlete and politician but not a social worker ?
- (A) Amrit
☒ (B) Benny
(C) Cadamus
(D) Daya
25. Who are politicians, athletes but neither social workers nor writers ?
- (A) Amrit
(B) Benny
☒ (C) Elan
(D) Daya

Direction (Q. Nos. 26-30) : Read the following information carefully and then answer the questions given below it.

At Bayside High School, each of the seven math teachers – F, G, H, I, J, K and L – are required to give one extra help class each day. These classes can take place either before school, during lunch period

or after school. In scheduling these classes the Chairperson of the math department must follow the following rules :

At least two teachers must hold their classes before school. ✓

At least three teachers must hold their classes after school. ✓

H is not available after school and J is available only after school. ✓

I always give extra help during her lunch period. ✓

G will give help before school only if F is also scheduled then. ✓

If L gives extra help during lunch,

26. Which of the following must be true ?
- (A) F gives help before school ✗
(B) H gives help before school ✗
(C) J gives help before school
(D) K gives help during lunch
27. Which of the following could be a complete list of the teachers who give help before school ?
- (A) G
(B) G, H
(C) F, G, I
(D) F, G, K

28. All of the following could be true except:

- (A) The same number of teachers give help before school as after school.
- (B) The same number of teachers give help before school as during lunch.
- (C) Twice as many teachers give help after school as before.
- (D) Twice as many teachers give help after school as during lunch.

29. If F is the only teacher not yet scheduled and without violating any of the given conditions he could be scheduled in any of the three time slots, then which of the following must be true?

- (A) G gives help after school
- (B) K gives help before school
- (C) H gives help at lunch
- (D) K gives help after school

30. If G and H are both scheduled to give help before school, which of the following cannot be true?

- (A) F gives help before school

- (B) K gives help at lunch
- (C) Only I gives help at lunch
- (D) K gives help after school

31. Statements :

Some ropes are walls.

Some walls are sticks.

All sticks are chairs.

All chairs are tables.

Conclusions : I. Some tables are walls. II. Some chairs are ropes. [✓]

III. Some sticks are ropes. [✗]

- (A) None follows
- ☒ (B) Only I follows
- (C) Only II follows
- (D) Only III follows

32. Rashmi goes towards east from a point P and then turns left. She walks some distance and then turns her right. Which direction is she facing now?

- (A) North
- ☒ (B) East
- (C) West
- (D) South



33. How much angular distance will be covered by the minute hand of a correct clock in a period of 2 hours 20 minutes ?

(A) 140 degrees
☒ (B) 840 degrees
 (C) 320 degrees
 (D) 520 degrees

$$\begin{array}{r} 360 \\ \times 2 \\ \hline 720 \\ + 240 \\ \hline 1000 \end{array}$$

34. In the following question, two statements numbered I and II are given :

I. The performance of most of the students in final exam of class X in the schools run by the Government was excellent.

II. Many teachers of the Government schools left the school and joined private schools.

- (A) If statement I is the cause and statement II is its effect.
 (B) If statement II is the cause and statement I is its effect.
 (C) If both the statements I and II are independent causes.
☒ (D) If both the statements I and II are effects of independent causes.

35. In the following question find out the alternative which will replace the question mark :

House : Door :: Compound : ?

- ☒ (A) Gate
 (B) Foundation
 (C) Fence
 (D) Wall

36. Two sets of 4 consecutive positive integers have exactly one integer in common. The sum of the integers in the set with greater numbers is how much greater than the sum of the integers in the other set ?

(A) 4

(B) 7

(C) 8

☒ (D) 12

$$\begin{array}{ccccccc} 1 & 2 & 3 & 4 & 5 & 6 & 7 \\ \hline & & & 10 & & 22 & \end{array}$$

Ben = 2
 Anita = P
 Anita = P + 6

37. Six years ago, Anita was P times as old as Ben was. If Anita is now 17 years old, how old is Ben in terms of P ?

(A) $11/P + 6$

(B) $P/11 + 6$

(C) $17/P$

(D) $17 - P/6$

$17 - 6 = 11$
 $11 = P \times \text{Ben}$
 $\text{Ben} = \frac{11}{P} + 6$

Direction (Q. Nos. 38-40) : Read the following passages carefully and then answer the questions given below it.

Following are the conditions for allotment of flats built by Town Council in the newly developed area of city Gurgaon.

The applicant must :

- A. produce domicile certificate of the State. ✓
- B. be employed or self employed in Gurgaon for minimum of 5 years. ✓
- C. be ready to pay the entire amount in 5 years period. ✓
- D. not be owner or co-owner (if spouse is owner) of a residential accommodation in the city limit of Gurgaon.
- E. not be less than 35 years of age as on 31st December, 1996.

In case of applicant who satisfies all other criteria except :

- I. at A above, be referred to President of Town Council. ✓
- II. at B above, but it ready to produce ration card of last five years should be referred to Vice-Chairman of House Allotment Committee.
- III. At C above, but is a freedom fighter or an ex-serviceman or first relation i.e., son/daughter/husband/wife of freedom fighter/ex-serviceman

should be referred to Vice-Chairman of House Allotment Committee who can give concession per payment upto 15 years in such cases. The last date for receipt of application was 31st December, 1996. Conditions set out in terms of age or duration of stay are to be fulfilled as on 31st December, 1996. Based on these criteria and information provided below, decide the course of action in each case. You are not to assume anything extra. If the data provided is not adequate to decide the given course of action, your answer will be 'data inadequate'. The cases are given to you as on 1st January, 1997.

38. RC Bhargav is a son of an industrialist and from other state who has set his factory in 1990 and has a domicile certificate of the state. He is ready to pay the entire amount in 4 years if required. He does not own a house in Gurgaon city limits but his wife owns a flat in Gurgaon. His date of birth is 11th November, 1960.

- (A) Do not allot a flat
- (B) Refer to the Chairman
- (C) Allot flat
- (D) Data inadequate

39. Mrs. Gouri Dutta, aged 45 years, is wife of an ex-serviceman. She has been staying in rented house in Gurgaon for last 10 years. She is having certificate of domicile of the State. She is not employed anywhere. She is ready to pay the entire amount in 10 years :

- (A) Do not allot a flat
 (B) Refer to the Chairman
 (C) Allot flat
 (D) Data inadequate

40. Ms. Rima Mohanty is daughter of a renowned freedom fighter from an another state. She is domiciled in the state and employed in the Town Council of Gurgaon for last 6 years. She can pay the entire amount in 5 years. She has completed 34 years on 10th December, 1994. She does not own a house in Gurgaon :

- (A) Do not allot a flat
 (B) Refer to the Chairman
 (C) Allot flat
 (D) Data inadequate

Direction (Q. Nos. 41-45) : Read the following information carefully and then answer the questions given below it.

A, B, C, D and E are five different integer. When written in the ascending order of values, the difference between any two adjacent integers is 4. D is the greatest and A the least. B is greater than E but less than C. The sum of the integers is equal to E.

41. The value of A is :

- (A) -7
 (B) -5
 (C) -9
 (D) None of these

42. The sum of A and B is :

- (A) 10
 (B) -15
 (C) 10
 (D) None of these

43. The greatest number has the value :

- (A) 9
 (B) -5
 (C) 3
 (D) 7

44. The sum of the integers is :

- (A) 25
 (B) -6
 (C) -15
 (D) None of these

45. What is the positive difference between the lowest and highest integers?

(A) 8

(B) 6

☒ (C) 16

(D) None of these

Direction (Q. Nos. 46 to 48) : Two numbers given before :: and the two after it, are to have the same relationship/sequence :

46. $9 : 18 :: 13 : ?$

(A) 31

(B) 169

(C) 121

(D) 181

$$\frac{10 \times 10 + 1}{10 + 1}$$

47. $10 : 101 :: 20 : ?$

(A) 200

(B) 202

(C) 400

☒ (D) 401

48. ADCB : EHGF :: ZWXY : ?

(A) IJKL

(B) ILKJ

☒ (C) VSTU

(D) UXWV

49. A is the father of B. But B is not the son of A. What is B to A?

(A) Son

(B) Niece

☒ (C) Daughter

(D) Sister

12 - Not son

50. If 9th of April falls two days after tomorrow, that is Wednesday, the last day of the month will be :

(A) Wednesday

(B) Thursday

(C) Friday

(D) Saturday

51. How many consonants are there between the second and the fourth vowel in the alphabet?

(A) 7

☒ (B) 8

(C) 9

(D) 10

Handwritten alphabet with vowels circled: A, E, I, O, U. Consonants between E and O are: B, C, D, F, G, H, J, K, L, M, N, P, Q, R, S, T, V, W, X, Y, Z. There are 8 consonants between E and O.

52. 5 12 7 14 9 16 - 11

(A) 8

☒ (B) 11

(C) 18

(D) 20

53. If END stands for FOE, how will you express the word START ?

- (A) UTBUS
(B) UTBSU
(C) TUBSU
(D) UTBSU

RS
TUD
~~FOE~~
END

54. Philanthropists believe in charity. All philanthropists do not believe in charity. If the above two statements are taken as true, then (x) all who believe in charity are philanthropists (y) some philanthropists do not believe in charity :

- (A) Statement (x) is valid
(B) Statement (y) is valid
(C) Both (x) and (y) are invalid
(D) Both (x) and (y) are valid

55. Thread is to cloth as wire is to :

- (A) Rope
(B) Mesh
(C) Seive
(D) Radio

56. A group of 10 excellent students in a college consists of 6 boys and 4 girls. A team of 4 students is to be selected for a quiz program. The probability that 2 are boys and 2 are girls is :

- (A) $\frac{3}{7}$
(B) $\frac{9}{20}$

$$\frac{2}{6} \quad \frac{2}{4}$$

(C) $\frac{1}{2}$

(D) $\frac{3}{10}$

57. A shopkeeper marks all his goods at 40% above the cost price and thinking that he will still make 20% profit, offer a discount of 20% on the marked price. What is the actual profit percentage on the sales ?

- (A) 20%
(B) 16%
(C) 18%
(D) 12%

58. A person incurred 10% loss by selling a suitcase for Rs. 1800. At what price should the suitcase be sold to earn 10% profit ?

- (A) 2200
(B) 2200
(C) 2160
(D) 2360

59. What is the next number in the series $36^2, 34^4, 30^2, 28^4, 24^2, \dots ?$

- (A) 22
(B) 20
(C) 23
(D) 26

60. The present time is exactly 16 : 30 hrs. what will be the time after 120 seconds ?
 (A) 18 : 30 hrs
 ✓ (B) 16 : 32 hrs
 (C) 17 : 50 hrs
 (D) None of these
61. A person will be 53 years old in 2019 what was his age in 1998 ?
 (A) 32 years
 (B) 34 years
 (C) 72 years
 (D) 74 years
62. How many quarter minutes does the second hand of a clock complete to travel through from 6:15 p.m. to 6:18 p.m. ?
 (A) 4
 (B) 8
 (C) 12
 (D) 18
63. Father is aged 3 times more than his son. After 8 years he would be $2\frac{1}{2}$ times of his son's age. After further 8 years, how many times would father be of son's age ?
 (A) 2 times
 (B) $2\frac{1}{2}$ times
 (C) $2\frac{3}{4}$ times
 (D) 3 times
64. The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is :
 (A) 7%
 (B) 5%
 (C) 9%
 (D) 8.75%
65. The equation $-7x + 1 = 5 - 3x$ will be satisfied for $x =$?
 (A) 2
 (B) 1
 ✓ (C) -1
 (D) None of these
66. A family spends Rs. 2,400 on education, Rs. 2,700 on food, Rs. 2,400 on house rent, Rs. 1,800 on clothing and Rs. 1,500 on other miscellaneous items. What will be the central angle for food in case of representation of data as a pie chart ?
 (A) 90°
 (B) 60°
 (C) 80°
 (D) 50°

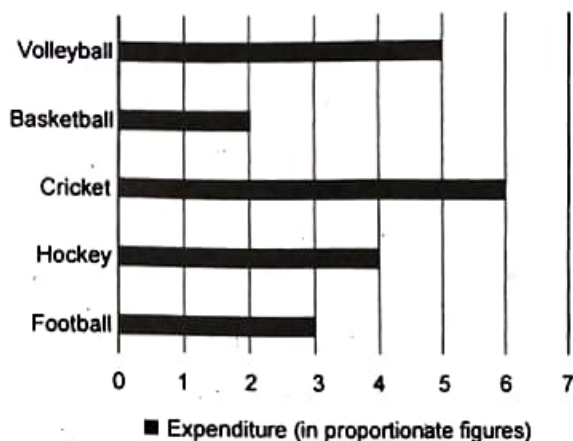
$$\begin{array}{r} 262,500 \\ - 175,000 \\ \hline 87,500 \\ \div 10 \\ \hline 8750 \end{array}$$

$$\begin{array}{r} 2m + 1 = 5 - 3x \\ - 2m + 3m = 5 - 1 \\ \hline m = 4 \end{array}$$

$$\begin{array}{r} 24 \\ 27 \\ 24 \\ 18 \\ 15 \\ \hline 108 \end{array}$$

$$\frac{27}{108} \times \frac{108}{360}$$

67. The bar diagram represents the expenditure (in proportionate figures) on 5 different sports :



If the total expenditure on all the sports in a particular year be Rs. 2,00,000, the amount spent on

✓ hockey is :

- (A) 40000
(B) 50000
(C) 60000
(D) None of these

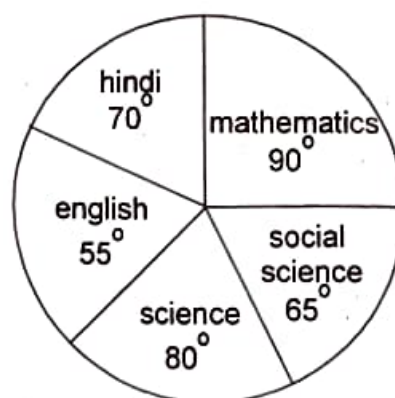
68. The following table represents the weights of 340 new born babies in a hospital. If the children weighing between 2.5 kg to 3.5 kg are considered healthy, then the percentage of the children that are

healthy in the hospital will be equal to :

Weight of new born babies (in kg)	Frequency
Less than 1.5	3
1.5 – 2.0	22
2.0 – 2.5	57
2.5 – 3.0	108
3.0 – 3.5	111
3.5 – 4.0	32
More than 4	7

- (A) 74%
(B) 77%
(C) 64%
(D) 67%

69. The pie chart below provides the marks scored in an exam by a student in different subjects. In which subject did the student score 105 marks if the total marks obtained by the student were 540 ?



- (A) English
(B) Mathematics
(C) Science
(D) Hindi

70. Which of the following statements is true for any given dataset ?

- (A) Mean < Median < Mode
- (B) Mean = Median = Mode
- (C) Mean > Median > Mode
- (D) None of these

Direction (Q. Nos. 71-75) : Read the following passages and answer the questions that follow the passage. Your answers to these questions should be based on the passages only.

On the 11th of March, 1930, the crowd swelled to 10,000 at the evening prayer held on the Sabarmati sands at Ahmedabad. At the end, Gandhiji delivered a memorable speech on the eve of his historic march :

In all probability this will be my last speech to you. Even if the Government allow me to march tomorrow morning, this will be my last speech on the sacred banks of the Sabarmati. Possibly these may be the last words of my life here.

I have already told you yesterday what I had to say. Today I shall confine myself to what you should do after my companions and I are arrested. The programme of the march to Jalalpur must be fulfilled as originally settled. The enlistment of the volunteers for this purpose should be confined to Gujarat only. From what I have been and heard

during the last fortnight, I am inclined to believe that the stream of civil resisters will flow unbroken.

But let there be not a semblance of breach of peace even after all of us have been arrested. We have resolved to utilize all our resources in the pursuit of an exclusively non-violent struggle. Let no one commit a wrong in anger. This is my hope and prayer. I wish these words of mine reached every nook and corner of the land. My task shall be done if I perish and so do my comrades. It will then be for the Working Committee of the Congress to show you the way and it will be up to you to follow its lead. So long as I have reached Jalalpur, let nothing be done in contravention to the authority vested in me by the Congress. But once I am arrested, the whole responsibility shifts to the Congress. No one who believes in non-violence, as a creed, need, therefore, sit still. My compact with the Congress ends as soon as I am arrested. In that case volunteers. Wherever possible, civil disobedience of salt should be started. These laws can be violated in three ways. It is an offence to manufacture salt wherever there are facilities for doing so. The possession and sale of contraband salt, which includes natural salt or salt earth, is also an offence. The purchasers of such salt will be equally guilty. To carry away the natural salt deposits on the seashore is likewise violation of law. So is the hawking of such salt. In short, you may choose any

one or all of these devices to break the salt monopoly.

We are, however, not to be content with this alone. There is no ban by the Congress and wherever the local workers have self-confidence other suitable measures may be adopted. I stress only one condition, namely, let our pledge of truth and non-violence as the only means for the attainment of Swaraj be faithfully kept. For the rest, everyone has a free hand. But, then does not give a licence to all and sundry to carry on their own responsibility. Wherever there are local leaders, their orders should be obeyed by the people. Where there are no leaders and only a handful of men have faith in the programme, they may do what they can, if they have enough self-confidence. They have a right, nay it is their duty, to do so. The history of the is full of instances of men who rose to leadership, by sheer force of self-confidence, bravery and tenacity. We too, if we sincerely aspire to Swaraj and are impatient to attain it, should have similar self-confidence. Our ranks will swell and our hearts strengthen, as the number of our arrests by the Government increases.

Much can be done in many other ways besides these. The Liquor and foreign cloth shops can be picketed. We can refuse to pay taxes if we have the requisite strength. The lawyers can give up practice. The public can boycott the law courts by refraining from litigation. Government

servants can resign their posts. In the midst of the despair reigning all round people quake with fear of losing employment. Such men are unfit for Swaraj. But why this despair ?

The number of Government servants in the country does not exceed a few hundred thousands. What about the rest ? Where are they to go ? Even free India will not be able to accommodate a greater number of public servants. A Collector then will not need the number of servants, he has got today. He will be his own servant. Our starving millions can be no means afford this enormous expenditure. If, therefore, we are sensible enough, let us bid good-bye to Government employment, no matter if it the post of a judge or a peon. Let all who are co-operating with the Government in one way or another, be it by paying taxes, keeping titles, or sending children to official schools, etc. withdraw their co-operation in all or as many ways as possible. Then there are women who can stand shoulder to shoulder with men in this struggle.

You may take it as my will. It was the message that I desired to impart to you before starting on the match or for the jail. I wish that there should be no suspension or abandonment of the war that commences tomorrow morning or earlier, if I am arrested before that time. I shall eagerly await the news that ten batches are ready as soon as my batch is arrested. I believe there are men in India to complete the work our begun by me. I have faith in

the righteousness of our cause and the purity of our weapons. And where the means are clean, there God is undoubtedly present with His blessings. And where these three combine, there defeat is an impossibility. A Satyagrahi, whether free or incarcerated, is ever victorious. He is vanquished only, when he forsakes truth and non-violence and turns a deaf ear to the inner voice. If, therefore, there is such a thing as defeat for even a Satyagrahi, he alone is the cause of it. God bless you all and keep off all obstacles from the path in the struggle that begins tomorrow.

71. What according to the given passage, is the most appropriate definition of "Civil Disobedience" ?
- (A) Adherence to civil laws
 - (B) Violation of criminal laws
 - (C) Peaceful violation of civil laws
 - (D) Forceful violation of Government orders

72. What, does "contraband salt" mean ?
- (A) Salt produced in India
 - (B) Salt produced in England
 - (C) Salt ill-legally exported from India
 - (D) None of these

73. Who, according to the passage, are unfit for 'Swaraj' ?
- (A) People who are involved in Civil Disobedience
 - (B) People who are employed in Government services
 - (C) People fearful of losing Government services
 - (D) The leaders of the movement

74. Who is a "Satyagrahi" ?
- (A) People who are pledged to truth and non-violence for life.
 - (B) People who are pledged to Government services for life.
 - (C) People seeking liberation through violence and militarization.
 - (D) None of these

75. What does the passage stand for ?
- (A) For settling the rights of the Congress
 - (B) For non-violent civic movement against the colonial government
 - (C) For violent liberation through militarization ✕
 - (D) For securing the rights of Government employees ✕

Direction (Q. Nos. 76-80) : Read the following passages and answer the questions that follow the passage. Your answers to these questions should be based on the passages only.

During the evolution of the Nation the moral culture of brotherhood was limited by geographical boundaries, because at that time those boundaries were true. Now they have become imaginary lines of tradition divested of the qualities of real obstacles. So the time has come when man's moral nature must deal with this great fact with all seriousness or perish. The first impulse of this change of circumstance has been the churning up of man's baser passions of greed and cruel hatred. If this persists indefinitely, and armaments go on exaggerating themselves to unimaginable absurdities, and machines and store-houses envelop this fair earth with their dirt and smoke and ugliness, then it will end in a conflagration of suicide. Therefore man will have to exert all his power of love and clarity of vision to make another great moral adjustment which will comprehend the whole world of men and not merely the fractional groups of nationality. The call has come to every individual in the present age to prepare himself and his surroundings for this dawn of a new era, when man shall discover his soul in the spiritual unity of all human beings.

It is given at all to the West to struggle out of these tangles of the lower slopes to the

spiritual summit of humanity then I cannot but think that it is the special mission of America to fulfil this hope of God and man. You are the country of expectation, desiring something else than what is. Europe has her subtle habits of mind and her conventions. But America, as yet, has come to no conclusions. I realize how much America is untrammelled by the traditions of the past, and I can appreciate that experimentalism is a sign of America's youth. The foundation of her glory is in the future, rather than in the past; and if one is gifted with the power of clairvoyance, one will be able to love the America that is to be.

America is destined to justify Western civilization to the East. Europe has lost faith in humanity, and has become distrustful and sickly. America, on the other hand, is not pessimistic or blase. You know, as a people, that there is such a thing as a better and a best; and that knowledge drives you on. There are habits that are not merely passive but aggressively arrogant. They are not like mere walls, but are like hedges of stinging nettles. Europe has been cultivating these hedges of habits for long years, till they have grown round her dense and strong and high. The pride of her traditions has sent its roots deep into her heart. I do not wish to contend that it is unreasonable. But pride in every form breeds blindness at the end. Like all artificial stimulants its first effect is a

heightening of consciousness, and then with the increasing dose it muddles it and brings an exultation that is misleading. Europe has gradually grown hardened in her pride in all her outer and inner habits. She not only cannot forget that she is Western, but she takes every opportunity to hurl this fact against others to humiliate them. This is why she is growing incapable of imparting to the East what is best in herself, and of accepting in a right spirit the wisdom that the East has stored for centuries.

In America national habits and traditions have not had time to spread their clutching roots round your hearts. You have constantly felt and complained of your disadvantages when you compared your nomadic restlessness with the settled traditions of Europe — the Europe which can show her picture of greatness to the best advantage because she can fix it against the background of the Past. But in this present age of transition, when a new era of civilization is sending its trumpet-call to all peoples of the world across an unlimited future, this very freedom of detachment will enable you to accept its invitation and to achieve the goal for which Europe began her journey but lost herself midway. For she was tempted out of her path by her pride of power and greed of possession.

76. What, according to the passage, influenced the moral culture of brotherhood the most, during the birth and subsequent evolution of the Nation ?

- (A) Geographical Boundaries
- (B) Religion
- (C) Language
- (D) Private Property

77. What, according to the author of this passage, can save man from submitting to his baser passions ?

- (A) Lust for power
- (B) Quest for wealth
- (C) Power of love
- (D) Power of Nation

78. Which according to the passage is the country of expectation ?

- (A) The West
- (B) India
- (C) America
- (D) None of these

79. Why, according to the author, is Europe incapable of giving any hope to the world ?

- (A) Because Europe remains fragmented
- (B) Because Europe remains arrogant
- (C) Because Europe remains powerless
- (D) Because Europe remains mostly spiritual

80. What, according to the passage, is the most primary quality of American youth ?

- (A) Pride and power
- (B) Expansionism
- (C) Experimentalism
- (D) Imperialism

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