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ALL ANSWERS MUST BE GIVEN ON THE ANSWER SHEET
BY CROSSING THE CORRESPONDING LETTER

Number of Mathematics M.C. Questions: 10
Questions on Page Numbers 1 to 2

Time Allowed: 10 minutes
Negative Marking: No

1. What is the average of the numbers: 0, 0, 4, 10, 5, and 5?
A) 2
B) 3
C) 4
D) 5
2. What is the value of x in the equation $2x - 15 - 5 = 0$?
A) 7
B) 8
C) 9
D) 10
3. What percent of 240 are 180?
A) 25%
B) 50%
C) 75%
D) 33%
4. If $A = \{1,3\}$ and $B = \{1,2,3\}$, then $A \cup B =$ _____?
A) $\{1,3\}$
B) $\{1\}$
C) $\{1,2\}$
D) $\{1,2,3\}$
5. $9999 + 8888 + 777 + ? = 19700$
A) 36
B) 26
C) 46
D) 38
6. How many numbers up to 100 are divisible by 7?
A) 100
B) 107
C) 14
D) 93

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7. What is 1004 divided by 2?

- A) 52
- B) 502
- C) 520
- D) 5002

8. $5005 - 5000 \div 10.00 = ?$

- A) 4505
- B) 0.5
- C) 5000
- D) 50

9. 50% of 500 is = _____?

- A) 250
- B) 150
- C) 350
- D) 200

10. $106 \times 106 - 94 \times 94 = ?$

- A) 2004
- B) 1904
- C) 1906
- D) 2400

You've finished Mathematics MCQs.

Please cross (×) Option E in the answer sheet corresponding to all unanswered MCQs.

(Stop. Do not turn over the next page until you are told to do so.)

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Number of English M.C. Questions: 10
Questions on Page Numbers 3 to 6

Time Allowed: 15 minutes
Negative Marking: No

Reading Comprehension

Qs 11-15 Each reading comprehension passage in this section is followed by questions based on the content of the reading passage. Read **the comprehension** passage carefully and choose the best answer to each question. The questions are to be answered on the basis of what is stated or implied in the passage

Passage:

From the 197 million square miles, which make up the surface of the globe, 71 per cent is covered by the interconnecting bodies of marine water; the Pacific Ocean alone covers half the Earth and averages near 14,000 feet in depth. The portions which rise above sea level are the continents-Eurasia, Africa; North America, South America, Australia, and Antarctica. The submerged borders of the continental masses are the continental shelves, beyond which lie the deep-sea basins.

The ocean are deepest not in the center but in some elongated furrows, or long narrow troughs, called deeps. These profound troughs have a peripheral arrangement, notably around the borders of the Pacific and Indian oceans. The position of the deeps, like the highest mountains, are of recent origin, since otherwise they would have been filled with waste from the lands. This is further strengthened by the observation that the deeps are quite often the sites, where world-shaking earthquakes occur. To cite an example, the "tidal wave" that in April, 1946, caused widespread destruction along Pacific coasts resulted from a strong earthquake on the floor of the Aleutian Deep.

The topography of the ocean floors is none too well known, since in great areas the available soundings are hundreds or even thousands of miles apart. However, the floor of the Atlantic is becoming fairly well known as a result of special surveys since 1920. A broad, well-defined ridge -the Mid-Atlantic ridge- runs north and south between Africa and the two Americas and numerous other major irregularities diversify the Atlantic floor. Closely spaced soundings show that many parts of the oceanic floors are as rugged as mountainous regions of the continents. Use of the recently perfected method of submarine topography. During world war II great strides were made in mapping submarine surfaces, particularly in many parts of the vast Pacific basin.

Most of the continents stand on an average of 2870 feet above sea level. North America averages 2300 feet; Europe averages only 1150 feet; and Asia, the highest of the larger continental subdivisions, averages 3200 feet. Mount Everest, which is the highest point in the globe, is 29,000 feet above the sea; and as the greatest known depth in the sea is over 35,000 feet, the maximum relief (that is, the difference in altitude between the lowest and highest points) exceeds 64,000 feet,

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or exceeds 12 miles. The continental masses and the deep-sea basins are relief features of the first order; the deeps, ridges, and volcanic cones that diversify the sea floor, as well as the plains, plateaus, and mountains of the continents, are relief features of the second order. The lands are unendingly subject to a complex of activities summarized in the term erosion, which first sculpts them in great detail and then tends to reduce them ultimately to sea level. The modeling of the landscape by weather, running water, and other agents is apparent to the keenly observant eye and causes thinking people to speculate on what must be the final result of the ceaseless wearing down of the lands. Much before there was any recognizable science as geology, Shakespeare wrote "the revolution of the times makes mountains level."

11. The peripheral furrows or deeps are found

- A) only in the Pacific and Indian oceans
- B) near earthquakes
- C) near the shore
- D) in the center of the ocean

12. The largest ocean is the

- A) Atlantic
- B) Pacific
- C) Aleutian deep
- D) Arctic

13. We may conclude from this passage that earth quakes

- A) Occur more frequently in newly formed land or sea formations
- B) Are caused by the weight of the water
- C) Cause erosions
- D) Quite often occur in the deeps

14. The highest mountains are

- A. oldest
- B. in excess of 12 miles
- C. near the deeps
- D. of recent origin

15. Great advances in the science of geology were made

- A. By the Greeks
- B. During World War II

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- C. April 1946
- D. After 1600

Qs 16-20. Choose the answer that is most appropriate to correct the given sentences.

16. It is highly desirable that you furnish evidence of your expenses before you submit your final accounts.
- A. It is highly desirable that you furnish evidence of your expenses
 - B. It is highly desirable that you should furnish evidence of your expenses
 - C. It is highly to be desired that you furnish evidences of your expenses
 - D. You must furnish evidence of your expenses
17. The population of tigers in the National Park is increasing steadily, and this is a source of encouragement to those who have worked so hard to fund the conservation effort.
- A. steadily, and this
 - B. steadily: which
 - C. steadily; this trend
 - D. steadily, this increase
18. In the fine print at the end of the document lies the clauses that make us liable for any expenses that result from civil unrest.
- A. lies the clauses that make us liable for any expenses that
 - B. lies the clauses that make us liable for any expenses which
 - C. lies the clause that make us liable for any expenses that
 - D. lie the clauses that make us liable for any expenses that
19. The administration discussed whether the number of students studying European languages was likely to decline when the senior lecturer retired.
- A. whether the number of students studying European languages was likely
 - B. whether the number of students studying European languages were likely
 - C. if the students studying European languages were likely
 - D. if the number of European language students were likely
20. If the gardener would sow the seeds in the greenhouse rather than the garden, he might get a better display of flowers.
- A. If the gardener would sow the seeds in the greenhouse rather than the
 - B. If the gardener sowed the seeds in the greenhouse rather than the garden

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- C. If the gardener would sow the seeds in the greenhouse rather than in the garden
- D. If the gardener were to sow the seeds in the greenhouse rather than in the garden

You've finished English MCQs.

Please cross (×) Option E in the answer sheet corresponding to all unanswered MCQs.
(Stop. Do not turn over the next page until you are told to do so.)

NOTE: Next section is Subjective Questions (To be attempted on separate Essay Script
with pen).

SAMPLE PAPER
THE ACTUAL QUESTIONS MAY VARY IN DIFFICULTY LEVEL

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Subjective Question (Total Marks 30)

Number of Short Essay Question: 1

Time Allowed: 35 minutes

Note: One Sample Question according to the selection of program

Healthcare Management Program:

1. In your opinion, what professional qualities and attributes are required of a ‘clinician’ to become a successful ‘Health Services Delivery Leader’?

Project Management Program:

1. What is the Project Management Maturity of Pakistan on the scale of 5? What steps would you suggest to improve your identified score?

Supply Chain Management Program:

1. Can CPEC bring a revolution in the supply chain sector of Pakistan? Yes or No, what is the justifications of your choice?

Human Resource Management Program:

1. How does human resources management impact organizational performance? Explain with the help of at least two examples.

Public Policy Program:

1. What is “public policy”? Why is it so important to the work of government?