Sample Test Paper
IoBM- Graduate Admission Test M.Phil/MS Programs
Business, IT and Engineering

Total Marks: 100  Each Question Carries 1 Mark
Time Allowed: 2 Hours  There is no Negative Marking

Weightage of Marks

<table>
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<th>English</th>
<th>Quantitative</th>
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Part – I  English  30 Marks

1.1 Vocabulary  (08 Marks)

Synonyms

1. Choose the word nearest in meaning to the given words.

Fragile:
   a) Strong
   b) Grave
   c) Weak
   d) Showy

Antonyms

2. Choose the word opposite in meaning to the given word.

Profane
   a) Beautiful
   b) Sacred
   c) Glorious
   d) Insane

Analogy

3. Each question below consists of a related pair of words, followed by five lettered pairs of words. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair:

SNAKE: FANG::
   a) vampire: teeth
   b) rabbit: hutch
   c) snail: antennae
   d) action: fin
Sentence Completion

4. Pick the word or set of words which best reflects the sentence’s overall meaning. His ____________ of the topic was so good that students had few doubts to raise at the end.
   
   a) Exposition
   b) Visualization
   c) Clarity
   d) exposure

1.2 Word Choice (with respect to grammar) (5 Marks)

5. Complete the sentences by choosing the most appropriate word, from the given lettered choices (A to D) below each.

   ______ crude hydrocarbons into such products as gasoline and petrochemicals is at the heart of the petroleum industry.
   
   a) refine
   b) refined
   c) to refining
   d) refining

1.3 Word Choice (with respect to vocabulary) (5 Marks)

6. Complete the sentences by choosing the most appropriate word, from the given choices below:

   We are today living in a _____ world, a world where physical _____ matter little.

   a) Blossoming … engagement
   b) Computerized … deformities
   c) Borderless … distances
   d) Developed … hindrances

1.4 Grammar (5 Marks)

7. Complete the sentences by choosing the most appropriate word, from the given choices.

   Ali always seeks _____ wealth.

   a) from
   b) with
   c) to
   d) for
1.5 Summary Completion (6 Marks)

Fill in the blanks with most appropriate words: (8-10)

Education is the light 8 ____ the life. Education 9 _____ to one of the most important factors for the development of human civilization. Education 10 _____ human status and leads everyone to propriety. It is a continuous and lifelong process.

8.
   a) Under
   b) Of
   c) Over
   d) Above

9.
   a) Proves
   b) Concludes
   c) Affirms
   d) believes

10.  
    a) Widens
    b) Propagates
    c) Announces
    d) Enhances

1.6 Reading Comprehension (6 Marks)

Read the passage and answer question 11-12

There is no trick to motivating others. It requires a clear, unbiased understanding of the situation at hand, deep insight into the vagaries of human nature at both the individual and the group levels, the establishment of appropriate and reasonable expectations and goals, and the construction of a balanced set of tangible and intangible incentives. It requires, in other words, hard thinking and hard work. And when an organization is under strain or is in crisis, the challenges-and the stakes-become that much higher. The questions that managers have to grapple with as they try to inspire their people are many and complex: How do you deal with individuals or groups at different motivation levels that vary in different ways? How can you influence the behavior of a single individual, let alone an organization of hundreds or thousands? How can you help people feel enthusiastic and committed, especially in difficult times?

11. Which of the following statement is correct?
   
   a) motivating others is not difficult
   b) motivating others is impossible
   c) motivating others is not impossible, but difficult
   d) motivating others is possible and not difficult
12. Which of the following is not a true statement?

a) In order to motivate others, managers have to deal with difficult questions.
b) Managers can easily influence the behavior of hundreds and thousands of people.
c) Managers should know how to deal with people at different motivational levels.
d) It is not easy to help people feel enthusiastic in difficult times.

Part – II Quantitative (30 Marks)

2.1 Basic Algebra (8 Marks)

13. If $8x + 8y = 64$, what is the average of $x$ and $y$?

a) 16
b) 8
c) 4
d) It cannot be determined from the given information

2.2 Word Problems (8 Marks)

14. Ali earns Rs.12 per hour at his day job, and Rs.18 per hour at his night job. Each week he works three times more hours at his day job than at his night job. If he earns a total of Rs.810 each week, how many hours does he work per week at his day job?

a) 30
b) 36
c) 40
d) 45

2.3 Arithmetic and Logic (9 Marks)

15. The sum of three numbers is 20. If we multiply the first number by 2, add the second number to the result and subtract the third number, we get 23. By adding second and third numbers to 3 times the first number we get 46. What are the numbers?

a) 10, 6, 4
b) 15, 4, 3
c) 13, 2, 5
d) 13, 6, 1

2.4 Geometry (5 Marks)

16. In the circular region shown below, sections A and B represent $3/8$ and $5/11$, respectively, of the area of the circular region. Section C represents what fractional part of the area of the circular region?
3.1 Collecting given information (12 Marks)

17. Ahmad has four daughters Rohi, Shazia, Uzma, Zainab and a son Tariq.
   Rohi is 22 years old.
   Tariq is 7 years younger than Rohi.
   Zainab is 10 years younger than Tariq.
   Shazia is younger to Rohi but elder to Uzma.
   Uzma is elder than Zainab.
   Tariq is older to Uzma but younger to Shazia.
   Who is the youngest of all?

   a) Uzma
   b) Tariq
   c) Rohi
   d) Zainab
   e) Shazia

3.2 Conclusion; after gathering given information (12 Marks)

Questions 18-21
An editor must choose five articles to be published in the upcoming issue of an arts review. The only articles available for publication are theater articles F, G, H and J, and dance articles K, L, M and O.

At least three of the five published articles must be dance articles.
If J is chosen, then M cannot be.
If F is chosen, then J must also be chosen.

18. If M is not chosen for the issue, which of the following is to be chosen?

   a) F
   b) G
   c) H
   d) K
19. How many acceptable groupings of articles include J?

a) One  
b) Two  
c) Three  
d) Four

20. The choice of which article makes only one group of articles acceptable?

a) F  
b) G  
c) J  
d) L

21. If G is chosen for the issue, which of the following is true?

a) J is not chosen  
b) Exactly three dance articles are chosen  
c) All four of the dance articles are chosen  
d) F is not chosen

3.3 Inference from the given information and conclusion (11 Marks)

Questions 22-24

The supervisor of a commuter airline is scheduling pilots to fly the round-trip from City X to City Y. The trip takes only two hours, and the airline has one round-trip flight in the morning and one round-trip flight in the afternoon, each day, Monday through Friday. Pilots must be scheduled in accordance with the following rules:

Only W, X and Y can fly the morning flight.  
Only V, X and Z can fly the afternoon flight.  
No pilot may fly twice on the same day.  
No pilot may fly on two consecutive days.  
X must fly the Wednesday morning flight.  
Z must fly the Tuesday afternoon flight.

22. Which of the following is true?

a) W flies the Monday morning flight  
b) X flies the Monday afternoon flight  
c) Y flies the Tuesday morning flight  
d) W flies the Thursday morning flight  
e) Z flies the Thursday afternoon flight

23. If X flies on Friday morning, which of the following is true?

a) X does not fly on Monday afternoon  
b) V flies on Friday afternoon  
c) W flies Thursday morning  
d) Y flies Thursday morning  
e) Neither W nor Y flies Thursday morning
24. If X flies only one morning flight during the week, which of the following is true?

a) W flies exactly two days during the week  
b) X flies exactly three days during the week  
c) Y flies only one day during the week  
d) Z flies Monday afternoon and Friday afternoon  
e) X flies more times during the week than V
## Business, IT and Engineering

### ANSWER KEY

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