

Roll Number

SET A



INDIAN SCHOOL MUSCAT
SECOND PRE-BOARD EXAMINATION
INFORMATION TECHNOLOGY

CLASS: XII

Sub. Code: 802

Time Allotted: 3 Hrs.

16.02.2020

Max. Marks: 60

General Instructions:

1. This Question Paper consists of two parts viz. Part A: Employability Skills and Part B: Subject Skills.

Part A: Employability Skills (10 Marks)

i. Answer any 4 questions out of the given 6 questions of 1 mark each.

ii. Answer any 3 questions out of the given 5 questions of 2 marks each.

Part B: Subject Skills (50 Marks):

iii. Answer any 10 questions out of the given 12 questions of 1 mark each.

iv. Answer any 5 questions from the given 7 questions of 2 marks each.

v. Answer any 5 questions from the given 7 questions of 3 marks each.

vi. Answer any 3 questions from the given 5 questions of 5 marks each.

2. This question paper contains 42 questions out of which 30 questions are to be answered.

3. All questions of a particular part/section must be attempted in the correct order.

4. The maximum time allowed is 3 hrs.

PART A: EMPLOYABILITY SKILLS (10 MARKS)

Answer any 4 questions out of the given 6 questions of 1 mark each: (4 x 1=4 marks)

1. Choose the correct example of Oral Communication.
a) Reports b) Face to Face interaction c) Newspaper d) Notes
2. Green jobs are required to Plan _____
a. Destination management
b. Destination managers, Trainer
c. Both of the above
3. To select cut option from the Edit menu , which shortcut key to be pressed?
4. Which is NOT the source of inspiration ?
a) books b) expansive thoughts c) dreaming big d) gossiping
5. Customer _____ is an exercise that entrepreneurs do to understand whether there is a market for what they have to offer.

6. What is the full form of 3Rs
a) Reduce, Reuse, Recycle b) Reduce, Refuse, Recycle
c) Replace, Refuse, Recycle d) Reduce, Reuse, Restore

Answer any 3 questions out of the given 5 questions of 2 marks each: (3 x 2=6 marks)

7. Describe Active listening?
8. Why Self Motivation is important?
9. Write the few components (any 4) of Open Office Impress Window?
10. How does planting a tree helps in sustaining environment?
11. What is the role of Green Job in toxin free House?

PART B: SUBJECT SKILLS (50 MARKS)

Answer any 10 questions out of the given 12 questions: (10 x 1=10 marks)

12. Define data redundancy.
13. _____ is a collection of programs that enables users to create, maintain and use a database.
14. Name one advantage and one disadvantages of using DBMS.
15. _____ is **not** a DDL command from the following.
a. Create b. Update c. Alter d. Drop
16. _____ are variables that can hold a list of values of the same type.
a) Methods b) Arrays c) Constructors d) classes.
17. A _____ method returns the value of a data member in JAVA.
18. _____ function is used to return the character at a given index in JAVA.
19. Exception handling mechanism in Java is using
a. try...catch block b. loops c. Arrays d. Constructors
20. _____ phase focuses on "how" the application is to be developed?
21. Name any two e- learning websites.
22. _____ phase creates backend database, frontend and the connectivity between them.
23. What is a setter method?

Answer any 5 questions out of the given 7 questions of 2 marks each: (5 x 2=10 marks)

24. How is a primary key different from candidate key?
25. Rectify the error(s) and write the correct query;

SELECT * order by name from Campus where name="R%";
26. State the potential areas of Work Integrated Learning in the field of Airlines System
27. What are constructors ? Give one example.
28. The following code has error(s). Rewrite the correct code underlining all the corrections made :
int a = 5;
String day = "";
switch (a);
{ case 1; {
 day = "Monday"
 break;
case 2;
day = "Tuesday":
default;
 System.out.println("Invalid")
29. Explain the String functions toLowerCase () and endsWith().
30. Explain the testing phase of Web Application Development.

Answer any 5 questions out of the given 7 questions of 3 marks each: (5 x 3=15 marks)

31. What is the difference between DDL and DML commands. Give one example of each.
32. Explain any three types of loops in Java.
33. Explain two advantages and one disadvantage of online shopping.
34. Explain the try,catch and finally blocks in exception handling in JAVA.
35. Give the output of the following code in JAVA:
int X=30,Y=7;
X++;
Y- -;
System.out.println(X*Y);
System.out.println(X/Y);
System.out.println(X%Y);
36. What is a wrapper class? Explain with the help of a suitable example.
37. State the potential areas of Work Integrated Learning in Telecommunications Systems.

Answer any 3 questions out of the given 5 questions of 5 marks each: (3 x 5=15 marks)

38. Consider the following and answer the questions.
- (a) Write a query to create a table **Campus** with the following members:
collegeid(char(10)), collegename (char(30)), principal(char(30)), studentstrength (integer).
 - (b) Write a query to add a new row to a table Campus with the following information:
("P101", "R.B College", "Ramkumar", 5000).
 - (c) Write a query to sort the records in descending order of collegename.
 - (d) Write a query to change the studentstrength to 20000 for collegeid 'C102'.
 - (e) Write a query to add a new column called city char(20) to the table.
39. (a) Define methods . Give example.
(b) Define a class Flight in Java with the following details.
Data members – Flightcode(String), Flightname(String) and Fare(float).
Member method- Show() to display all the data members.
40. i) Write a JAVA program (method) to develop an application in JAVA to print sum of even numbers from 2 to 30.
ii) What are arrays? Declare an array P of double data type of size 20.
41. i) Write a program in Java to enable user to handle divide by zero exception.
ii) How can threads be created in Java? Briefly explain with an example.
42. What are the objectives of eGovernance ? Mention any three advantages of e-learning.

End of the Question Paper