

Roll Number

SET A



INDIAN SCHOOL MUSCAT
FINAL EXAMINATION
INFORMATION TECHNOLOGY

CLASS: XII

Sub. Code: 802

Time Allotted: 3 Hrs.

19.11.2019

Max. Marks: 60

General Instructions:

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: (4X 1=4 marks)

1. Identify the following sentence as simple, compound or complex.
The production of a single pound of honey requires nectar from approximately two million flowers.
2. _____ personality disorder is characterized by a lack of interest in social relationships and people tend to be distant, detached and indifferent.
3. Fontwork Gallery button is located on _____ toolbar
a) Standard b) Drawing c) Formatting d) Taskbar
4. In _____ form of business, the finished product can be directly sold to the customer.
5. Green tourism is also referred as _____.
6. _____ are notes added to the slides as a reference for the presenter in a powerpoint presentation.

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

7. Explain the difference between listening and hearing.

8. Write any two sources of self motivation?
9. Differentiate between Slides and Handouts.
10. How is manufacturing business different from trading business?
11. Write any four steps that green jobs can take to reduce greenhouse gas emission.

PART B: SUBJECT SKILLS (50 MARKS)

Answer any 10 questions out of the given 12 questions:

(10 X 1=10 marks)

12. A row in a relation(table) is called a _____
13. Define Degree of a relation.
14. Same information stored in more than one file is known as
 - a) Data inconsistency
 - b) Data integration
 - c) Data redundancy
 - d) Data manipulation
15. _____ command is used to modify the base table definition.
 - a) Create Table
 - b) Alter Table
 - c) Update Table
 - d) Modify Table
16. _____ is a special method that every Java application must have.
17. _____ method test whether this string end with the given suffix or not.
18. The _____ method of Array class is used to arrange the Array of integers in ascending order.
19. Which of the following is **not** an example of eGovernance?
 - a) To file property tax
 - b) To apply for renewal of Passport
 - c) To start an online coding course for 3 months
 - d) To get Voters ID card issued
20. What is a project in a web application?
21. Finding of Bugs and Fixing them happens in _____.
 - a) Design Phase
 - b) Testing Phase
 - c) Implementation Phase
 - d) Requirement Definition Phase
22. Choose the correct sequence to be followed while buying online.
 - a) Provide your details (Or login into your bank account)
 - b) Add items in shopping cart
 - c) Choose payment option (Make payment if not cash on delivery)
 - d) Select Buy option

(i) c, d, b, a (ii) b, d, c, a (iii) d, b, c, a (iv) a, c, b, d
23. Define a) class b) Object

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

24. Illustrate any two DDL commands with the help of suitable example.
25. List any four advantages of DBMS.
26. State the potential areas of Work Integrated Learning in the field of Hospitals System.
27. What is meant by exception in Java? Give one example.
28. What are the key characteristics of a project?
29. Name the functions to convert a string to integer and integer to string in Integer wrapper class.
30. Explain important phases 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 purpose of group by command? How is it different from Order by command? Give example.
32. Explain any three string functions in Java.
33. A garment Company is planning to launch its website and a Mobile App. Mention various factors that the company shall keep in mind to attract people for online shopping.
34. With an alarming rate of increase in Cyber fraud write at least three points to be kept in mind while making an online transaction.
35.
 - a) What is a thread in Java? What are multithreaded programs?
 - b) Correct the error(s) in the following code :
`Mark=float.parseFloat(jTextField2.getText());`
36. How are exceptions handled in Java? Explain with the help of a suitable example.
37. State the potential areas of Work Integrated Learning in Companies.

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 **TravelAgency** with the following members:
Travelcode(char(10)), Passengername (char(30)), Agencyname (char(30)), Seatnum (char(10)), Ticektfare(float).
 - b) Write a query to add a new row to a table TravelAgency with the following information:
("A006", "John Sharon", "Sam Ana Travel", "C12", 45000).
 - c) Write a query to add a new column EmailId (char(15)) to a table TravelAgency.
 - d) Write a query to display the details of the table in descending order or Ticketfare.
 - e) Write a query to change the Ticketfare of the passenger with Travelcode "A006" as 50000.

- a) Mention any three advantages of Online reservation and two challenges faced by end user while booking online railway ticket.
- b) What are the objectives of eGovernance? How does eGovernance empower the citizens?
- c) a) Write a JAVA program (method) to develop an application in JAVA to calculate Marks in 5 subjects and show the percentage of Students.
b) Write the use of parseFloat().
- d) (i) What is a wrapper class? Explain with the help of a suitable example.
(ii) Define a class employee in Java with the following details.
Data members – Ename designation, department (All of them are of String data type)
salary - double data type.
Member method- display() to display all the data members.

End of the Question Paper