

SET	2
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**INDIAN SCHOOL MUSCAT
FIRST PRE BOARD EXAMINATION-2022
INFORMATION TECHNOLOGY(CODE-802)**

CLASS:XII

Max.Marks: 60

MARKING SCHEME			
SET	QN.NO	VALUE POINTS	MARKS SPLIT UP
B	Q.1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
B	i	Standard of excellence, Uniqueness, Focus on long-term goals, Need to influence, Identifying opportunities and risk taking. (Any two)	$\frac{1}{2} + \frac{1}{2} = 1$
B	ii.	True	1
B	iii.	(a) Borderline	1
B	iv.	(a) Extraversion	1
B	v.	(d) =	
B	vi.	(b) taking initiative	1
	Q.2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)	
B	i	a) ORDER BY	1
B	ii.	(c) Project has no boundaries.	1
B	iii.	(c) isEmpty()	1
B	iv.	(b) Alter	1
B	v.	To make a data member or a method member of a class visible only within the class, we add the keyword private before its declaration.	1
B	vi.	The password field in the online reservation site protect the reservation details from unauthorized access.	1

B	vii.	Any one website Eg: www.amazon.com	1
	Q.3	Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)	
B	i	Education sector, Banking sector, Hospitals, Airline sector etc. (Any two sectors)	$\frac{1}{2} + \frac{1}{2} = 1$
B	ii.	Implementation phase	1
B	iii.	CREATE, ALTER, DROP (Any two DDL commands)	$\frac{1}{2} + \frac{1}{2} = 1$
B	iv.	(a) goirectory.nic.in	1
B	v.	High Cost: The cost of implementing a DBMS system is very high. Security and Recovery Overheads: Unauthorized access to a database can lead to threat to the individual or organization depending on the data stored. (Any two disadvantages)	$\frac{1}{2} + \frac{1}{2} = 1$
B	vi.	15	1
B	vii.	int, 25cent	$\frac{1}{2} + \frac{1}{2} = 1$
	Q.4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
B	i	(c) Check	1
B	ii.	(a) coursera.org	1
B	iii.	Java Virtual Machine (JVM), translates the bytecode into machine code and then executes it.	1
B	iv.	Integer	1
B	v.	E-Governance or electronic governance is the use of electronic i.e. information and communication technology (ICT) tools for governance by the government for the citizens	1
B	vi.	(a) select Isbn, Bname from Book where subject in ('Information Technology', 'Computer Science') ; (d) select Isbn, Bname from Book where subject ='Information Technology' or subject =' Computer Science ';	$\frac{1}{2} + \frac{1}{2} = 1$
	Q.5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
B	i	try, catch and finally are the keywords used in exception handling.	1
B	ii.	select * from Accounts where basic_pay IS NULL ;	1

B	iii.	15	1
B	iv.	char is used to store only one character . Eg . char grade='A'; String is used to store more than one character. Eg. String Name = "Ritesh";	$\frac{1}{2} + \frac{1}{2} = 1$
B	v.	Comments are used in code by programmers to document their programs – to provide explanatory notes to other people who read the code.	1
B	vi.	Decimal(6,2)	1
	Q.6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
B	i	Show databases ;	1
B	ii.	In the first declaration, an int variable 'a' is declared and initialized with the value 100. In the second declaration, an object 'b' of the class Integer is instantiated and initialized with the value 100.	$\frac{1}{2} + \frac{1}{2} = 1$
B	iii.	(d) She can download the e-ticket from the website.	1
B	iv.	A class is a physical or logical entity that has certain attributes.	1
B	v.	Select name from student order by name ;	1
B	vi.	Arrays are variables that can hold more than one value, they can hold a list of values of the same type.	1
		<u>SECTION B : SUBJECTIVE TYPE QUESTIONS</u> Answer any 3 out of the given 5 questions on Employability Skills (3 x 2 = 6 marks) Answer each question in 20 – 30 words.	
B	Q.7	Individuals, who focus on developing solutions that benefit the society, are called social entrepreneurs. They develop, fund and implement solutions that are directed towards society, culture and environment.	2
B	Q.8	Stress is a state of feeling upset, annoyed and hopeless. There are times when we feel nothing is working right, we are not able to achieve our goals and feel hopeless. Taking a walk in nature, Doing a physical activity like running swimming, etc, Practising deep breathing exercises meditation or yoga	$1 + \frac{1}{2} + \frac{1}{2} = 2$
B	Q.9	<ul style="list-style-type: none"> • S: Specific -a goal should have a specific purpose. • M: Measurable -Goals should always be measurable. 	2

		<ul style="list-style-type: none">• A: Action-oriented -Goal setting should include action-based steps.• R: Realistic -Goals must always be realistically attainable.• T: Timely -Goals must have deadlines or specified time limit.													
B	Q.10	A workbook is a spreadsheet that has one or more worksheets. OpenOffice Cal (Any one spreadsheet application)	1+1=2												
B	Q.11	They are individuals, who listen to their conscience, are self-disciplined, do their work on time, take care of others before themselves and care about others' feelings.	2												
B		Answer any 3 out of the given 5 questions (3x 2 = 6 marks)													
B	Q.12	40 Fall through statement since there is no break in case 3	1+1 =2												
B	Q.13	Logistics (Logistic_id, itemname, dispatch_date) <table><thead><tr><th>Name</th><th>Type</th><th>Remarks</th></tr></thead><tbody><tr><td>Logistic_id</td><td>INT(10)</td><td>Logistic number(Primary Key)</td></tr><tr><td>itemname</td><td>VARCHAR(30)</td><td>Name of item</td></tr><tr><td>dispatch_date</td><td>DATE</td><td>Date of dispatch</td></tr></tbody></table> (Any other relevant attributes)	Name	Type	Remarks	Logistic_id	INT(10)	Logistic number(Primary Key)	itemname	VARCHAR(30)	Name of item	dispatch_date	DATE	Date of dispatch	1+1=2
Name	Type	Remarks													
Logistic_id	INT(10)	Logistic number(Primary Key)													
itemname	VARCHAR(30)	Name of item													
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B	Q.14	UPDATE EMP SET bloodgroup= "A negative" WHERE EID=121 ;	2												
B	Q.15	(a) delete from gallery where gid = 101 ; (b) select * from dispatch where desp_id= "D108" ;	1+1=2												
B	Q.16	These are loops which run forever, the loop never exits. This happens when the test condition is always true. For example, Since updation of variable 'i' is not there in the loop,it never exits. int i = 1; while (i <= 5) { System.out.println(i); }	1+1=2												
		Answer any 2 out of the given 3 questions (2 x 3 = 6 marks)													
B	Q.17	(a) Syntax error (b) Capital letter used instead of small letter 'p' in System.out.print() (c) int x =1; while(x<= 10) {System.out.println(x + " "); x = x+1 ;}	1+1+1=3												
B	Q.18	For storing information such as student details, marks and result. For storing information about faculty and staff members. For storing details about school/college such as infrastructure details, department and offered course details.	3												

B	Q.19	(a) A row in a relation/table is known as a tuple. A column in table is known as its attribute. (b) SUM()	3
		Answer any 3 out of the given 5 questions (3 x 4 = 12 marks)	
B	Q.20	A special method member called the constructor method is used to initialize the data members of the class. Features The constructor has the same name as the class, has no return type, and may or may not have a parameter list. Whenever a new object of a class is created, the constructor of the class is invoked automatically. We do not call the constructor explicitly.	1+3=4
B	Q.21	(a) name.toUpperCase() (b) name.indexOf('W') (c) name.contains("Win") (d) name.concat("World Cup 2022")	1+1+1+1=4
B	Q.22	int sum=0 ; int i= 5 ; while(i<=50) { sum = sum + i ; i = i + 5;} System.out.println("Sum="+sum) ; while is an entry controlled loop	3+1=4
B	Q.23	(a) SELECT CNAME,CITY,SALARY FROM COACH WHERE HIREDATE > "2001-01-01" ; (b) SELECT CITY,COUNT(*) FROM COACH GROUP BY CITY ; (c) SELECT CID,CNAME FROM COACH WHERE CITY NOT IN ("DELHI", "CHENNAI"); (d) SELECT AVG(SALARY) FROM COACH ;	4
B	Q.24	(a) courseera.org(or any other site) (b) Convenient, time saving (or any other benefit) (c) Be cautious not to leave passwords around. (or any other precaution) (d) Requires Less Staffing, No Spatial Restrictions (or any other benefit)	1+1+1+1=4