

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY (802)

MARKING SCHEME FOR CLASS XII (SESSION 2023-2024)

Max. Time: 3 Hours

Max. Marks: 60

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - i. This section has 06 questions.
 - ii. There is no negative marking.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**
 - i. This section contains 18 questions.
 - ii. A candidate has to do 11 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. No.	QUESTION	Source Material (NCERT/PSSCIVE / CBSE Study Material)	Unit/ Chap. No.	Page no. of source material	Marks
Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)				
i.	Paranoid	NCERT	2	11	1
ii.	Motivation	NCERT	2	9	1
iii.	#####	NCERT	3	28	1
iv.	Interrupting	NCERT	1		1
v.	social entrepreneurs	NCERT	4	95	1
vi.	Promoting environmental sustainability	NCERT	5		1
Q. 2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)				
i.	64	CBSE Study Material	3	105	1
ii.	Main	CBSE Study Material	3	97	1
iii.	b. select salary *0.5 as allowance from teacher;	CBSE Study Material	1	49	1
iv.	a. Application Programmers	CBSE Study Material	1	16	1
v.	Byte code is set of instructions or Java class file.	CBSE Study Material	3	93	1
vi.	Webinars	CBSE Study Material	2	77	1

vii.	Clear description of application features with goals and limitations.	CBSE Study Material	2	82	1
Q. 3	Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)				
i.	Front end Java NetBeans Back end MySQL	CBSE Study Material	4	156	½+ ½
ii.	do while	CBSE Study Material	3	117	1
iii.	Distinct	CBSE Study Material	1	49	1
iv.	National e-Governance Plan	CBSE Study Material	2	68	1
v.	c. referential integrity	CBSE Study Material	1	21	1
vi.	b. Testing Phase	CBSE Study Material	2	83	1
vii.	Object	CBSE Study Material	3	128	1
Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)				
i.	b. b,d,c,a	CBSE Study Material	2	60	1
ii.	NOT NULL constraint in age column	CBSE Study Material	1	34	1
iii.	A project has a beginning and an end. A project requires finite resources that are required to complete the project. A project has a specific time frame. (any 1 characteristic)	CBSE Study Material	2	81	1
iv.	False	CBSE Study Material	3	134	1
v.	Degree	CBSE Study Material	1	17	1
vi.	13	CBSE Study Material	3	120	1
Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)				
i.	True	CBSE Study Material	2	83	1
ii.	SHOW DATABASES	CBSE Study Material	1	32	1
iii.	SELECT * FROM Products WHERE Price BETWEEN 10 AND 20;	CBSE Study Material	1	57	1
iv.	To use a prebuilt class and associated methods in those class, use the keyword import.	CBSE Study Material	3	132	1
v.	b. Package	CBSE Study Material	3	97	1
vi.	b. JDK	CBSE Study Material	3	93	1
Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)				
i.	b. 1st_string	CBSE Study Material	3	106	1
ii.	parseInt()	CBSE Study Material	3	133	1
iii.	goidirectory.nic.in (Government of India Web Directory)	CBSE Study Material	2	70	1

iv.	SELECT Name FROM student ORDER BY Name;	CBSE Study Material	1	51	1
v.	Round()	CBSE Study Material	1	54	1
vi.	Convenient, time saving (or any other benefit)	CBSE Study Material	2	48	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Q. No.	QUESTION	Source Material (NCERT/PSSCIVE / CBSE Study Material)	Unit/ Chap. No.	Page no. of source material	Marks
Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)					
Q. 7	<ul style="list-style-type: none"> • Stay positive and analyse what is going wrong in a certain situation. • Maintain an accomplishment sheet and enter even small achievements. • Keep your thoughts in present. Pondering over past issues makes us feel upset and helpless. • Talk to friends and family for comfort. • Practise meditation and yoga. (Explain Any TWO)	NCERT	2	26	2
Q. 8	Effective written communication involves clear and concise expression of ideas to convey information accurately. The components include: Clarity: Ensure the message is easily understandable. Conciseness: Use concise language without unnecessary details. Correctness: Eliminate grammatical and spelling errors. Completeness: Include all necessary information. Courteousness: Use polite and respectful language.	NCERT	1	41	2
Q. 9	Answer: Eco-friendly consumerism involves making purchasing decisions that consider the environmental impact of products and support sustainable practices. Conscious consumer behavior influences market trends and encourages sustainable production practices by: <ul style="list-style-type: none"> • Creating demand for products with lower carbon footprints and fewer resources. • Driving companies to adopt greener production methods to meet consumer preferences. • Promoting the use of recycled and eco-friendly materials in products. • Encouraging the adoption of energy-efficient and sustainable technologies. • Shifting the market towards a more environmentally responsible approach. 	NCERT	5	91	2

Q. 10	Select Tools menu . Go to Protect document. Choose Sheet . The Protect Sheet dialog box appears . Type the password in Password text box . Again type the password in Confirm text box . Click OK button.	NCERT	3	34	2									
Q. 11	The major functions performed by an entrepreneur are as follows. (a) Identifying entrepreneurial opportunity (b) Turning ideas into action (c) Feasibility study (d) Resourcing (e) Setting up an enterprise (f) Managing the enterprise (g) Growth and development (Explain Any Two)	NCERT	4	96	2									
Answer any 3 out of the given 5 questions (2 x 3 = 6 marks)														
Q. 12	Looking forward to the Weekend	CBSE Study Material	3	111	2									
Q. 13	Drop Table will be dropped and with the CASCADE option, i.e. all the constraints that refer this table would also be automatically dropped. Example Drop table teacher Cascade;	CBSE Study Material	1	41	2									
Q. 14	Defining the Database: It involves specifying the data type of data that will be stored in the database and also any constraints on that data. 2. Populating the Database: It involves storing the data on some storage medium that is controlled by DBMS. 3. Manipulating the Database: It involves modifying the database, retrieving data or querying the database, generating reports from the database etc. 4. Sharing the Database: Allow multiple users to access the database at the same time. 5. Protecting the Database: It enables protection of the database from software/ hardware failures and unauthorized access. 6. Maintaining the Database: It is easy to adapt to the changing requirements (Explain any TWO)	CBSE Study Material	1	15	2									
Q. 15	PATIENT (pid, docid ,dateofapp, phone) <table border="0"> <tr> <td>Name</td> <td>Type</td> <td>Remarks</td> </tr> <tr> <td>pid</td> <td>INT(10)</td> <td>Patient number (Primary Key)</td> </tr> <tr> <td>doc_id</td> <td>INT(10)</td> <td>Doctor number</td> </tr> </table>	Name	Type	Remarks	pid	INT(10)	Patient number (Primary Key)	doc_id	INT(10)	Doctor number	CBSE Study Material	4	161	1+1
Name	Type	Remarks												
pid	INT(10)	Patient number (Primary Key)												
doc_id	INT(10)	Doctor number												

	dateofapp Appointment	DATE Date of			
	phone	CHAR(10) Phone no.			
Q. 16	<pre>int i = 0; while (i < 5){ System.out.println(i); i++;}</pre> <p>(4 errors)</p>	CBSE Study Material	3	120	½+½ + ½+½
Answer any 2 out of the given 3 questions (3 x 2 = 6 marks)					
Q. 17	<pre>for i++ System.out.println</pre>	CBSE Study Material	3	117	1+1 +1
Q. 18	<p>a. select* from employee where name like 's%'; b. Update- DML Delete- DML Create-DDL Alter- DDL</p>	CBSE Study Material	1	50	1+2
Q. 19	<p>1.For storing information about customers like address, age, PAN card, occupation, contact numbers etc. 2.For storing employee details such as their personal information, salary, leaves taken, joining date, retirement year. 3.Information regarding daily transactions. 4.Accounts and loans related information. (Explain Any THREE)</p>	CBSE Study Material	4	144	3
Answer any 3 out of the given 5 questions (4 x 3 = 12 marks)					
Q. 20	<p>a.i. cl.toUpperCase() ii. cl.length(); iii. cl.concat("toppers");</p> <p>b. The constructor is a method used to initialize the data members of the class.</p>	CBSE Study Material	3	137	3+1
Q. 21	<p>a.mynta.com, snapdeal.com b. iv Both a and b c. It requires self discipline. It is prone to technical issues. Learner may lose interest over a period of time. (Explain Any 2 challenges)</p>	CBSE Study Material	2	73	1+1 +2

Q. 22	<p>a. MyMethod</p> <p>b. Private members of a class cannot be accessed outside the class. Public member of the class has visibility both within and outside the class. By default, all members of a class are public.</p>	CBSE Study Material	3	131	2+2
Q. 23	<p>a. An error situation that is unexpected in the program execution and causes it to terminate unexpectedly is called an exception.</p> <p>b. i.try block contains the part of the program where an exception might occur. ii.catch block handles the exception. A specific code that is executed when the exception occurs. iii.finally block contains the code to be executed when the try block exits.</p>	CBSE Study Material	3	140	1+3
Q. 24	<p>a.Select SUM(NoOfEmployee), Location from STORE group by location ;</p> <p>b. Select storename, location, OpeningYear from store where OpeningYear <"2015";</p> <p>c. Alter table store add SALE integer;</p> <p>d. Select StoreName, OwnerName from STORE, OWNER where store.OwnerId=Owner.OwnerId and Location="Mumbai";</p>	CBSE Study Material	1	57	<p>1</p> <p>1</p> <p>1</p> <p>1</p>