B.Com. (Financial Services) 6th Semester

GENERAL STUDIES

Paper—VII

Time Allowed—3 Hours]   [Maximum Marks—50

Note :—Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The fifth question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. "The ideal solution of depleting ground water resources in India is water harvesting system." How can it be made effective in urban areas ?

2. What are the implications of Russia-Ukraine war on the world economy in respect of crude oil price rise ?

SECTION—B

3. What is the role of Securities Exchange Board of India (SEBI) in protecting the interest of investors in India ?

4. Explain the role of Brahmo Samaj founder 'Raja Ram Mohan Roy' in eradicating social malpractices such as Sati and Child Marriage from Indian Society.

SECTION—C

5. (a) A truck covers a distance of 550 meters in 1 minute whereas a bus covers a distance of 33 kms in 45 minutes. What is the ratio of their speeds ?

    (b) An express train travelled at an average speed of 100 km/hr, stopping for 3 minutes after every 75 km, how long did it take to reach its destination 600 km from the starting point ?

    (c) A salesman travels a distance of 50 km in 2 hours and 30 minutes. How much faster, in kilometers per hour, on an average, must he travel to make such as trip in 5/6 hour less time ?   3,3,4

6. (a) There are two sections A and B of a class, consisting of 36 and 44 students respectively. If the average marks of section A is 40 and that of section B is 35, find the average marks of the whole class.

    (b) A was 4 time as old as his son 8 years ago. After 8 years, A will be twice as old as his son. What are their present ages ?   5,5

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SECTION—D

7. (a) Two cards are drawn at random from a pack of 52 cards. What is the probability that either both are black or both are queens ?

(b) The data given below represents a coded language for different colours, analyse it and answer the questions following it :

"Black orange yellow purple blue" is written as "set jet let get bet"

"Grey green red purple" is written as "get pet wet vet"

"Purple blue red silver" is written as "vet set get tet"

"Grey orange pink" is written as "bet ret pet".

(i) What is the code for red and orange ?

(ii) What is the code for the colour Grey and Pink ?

(iii) Which colour has been coded as "get" and "wet" ?

4,6

8. Study the following table to answer the questions that are given below it :

Expenditures of a company (in Lakh Rupees)
Per Annum over the given years

Items of expenditure / Year	Salary	Fuel and transport	Bonus	Interest on loans	Taxes
2017	288	98	3.00	23.4	83
2018	342	112	2.52	32.5	108
2019	324	101	3.84	41.6	74
2020	336	133	3.68	36.4	88
2021	420	142	3.96	49.4	98

(a) What is the ratio between the total expenditure on Taxes for all the years and the total expenditure on fuel and transport for all the years respectively is approximately ?

(b) What is the total expenditure of the company on all the items during the year 2000 ?

(c) What is the average amount of interest per year which the company had to pay during the whole period ?

(d) Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002 ?

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