CENTRE FOR DISTANCE AND ONLINE EDUCATION

Aligarh Muslim University, Aligarh

Session 2020-21

S.S.S.C Part – II (XII Commerce)

ENGLISH (COMPULSORY)

(12-EN-03)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

1. Write a report on a road accident that you have witnessed recently.
2. Write a letter to 'Aligarh Publication Division Placing an order of 500 Copies of the booklet of Compulsory English for class XII.
3. Write a letter to the Editor of 'The Hindu' on the problem of employment in India.
4. Write an article for a newspaper on the topic importance of politics in student's Career.

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S.S.S.C Part – II (XII Commerce)

BUSINESS STUDIES

(12-CM-03)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

1. What are the Principles of Management?

2. Discuss about the internal and external sources of finance.

3. What are the barriers of communication?

4. Write a note on Securities and Exchange Board of India (SEBI).

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ACCOUNTANCY

(12-AC-03)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions. Question No-1 is compulsory.

1. What is subscription, donation and grant in Non Profit Organization.

2. X, Y and Z are partners in a firm sharing profit in 3:2:1 ratio. They decided to share profits equally with effect from April 1, 2004. For this purpose, the goodwill of the firm has been valued at Rs. 400000. Calculate the amount of gain or sacrifice of each partner.

3. Differentiate between Dissolution of Partnership and Partnership Firm.

4. Write note on the following:

a. Debt Equity Ratio b. Net Profit Ratio

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ECONOMICS

(12-EC-03)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

1. Explain the theories of Demand?

2. Define investment and differentiate between Induced and Autonomous investment.

3. What is money supply? Describe the measures to control the money supply in the economy.

4. Write note on the following:

a. Inflation b. Perfect Competition

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Aligarh Muslim University, Aligarh
Session: 2020-21
S.S.S.C Part – II (XII Commerce)
MATHEMATICS
(12-MM-01)

Maximum Marks: 25

a) Attempt any two questions.

1. Show that the function f: $R_* \rightarrow R_*$ defined by $f(x) = 1 / x^2$ is one-one and onto, where R_* is the set of all non-zero real numbers. Is the result true, if the domain R_* is replaced by N with co-domain being same as R_*?

2. Find the values of x, y and z from the following equation.

(i) $\begin{bmatrix} 5 & 8 \\ x & 6 \end{bmatrix} = \begin{bmatrix} y & z \\ 3 & 5 \end{bmatrix}$

(ii) $\begin{bmatrix} x+y & 8 \\ xy & 4+z \end{bmatrix} = \begin{bmatrix} 3 & 6 \\ 8 & 6 \end{bmatrix}$

(iii) $\begin{bmatrix} 2x+2y+2z \\ 2x+2z \\ 2y+2z \end{bmatrix} = \begin{bmatrix} 18 \\ 10 \\ 14 \end{bmatrix}$

3. Find the shortest distance between the lines.

$$\frac{x-3}{1} = \frac{2y-10}{-4} = \frac{z+7}{1} \; and \; \frac{x+1}{7} = \frac{2y+2}{-12} = \frac{z+1}{1}$$

4. (Manufacturing problem) A manufacturing company makes two models A and B of a product. Each piece of Model A requires 9 labour hours for fabricating and 1 labour hour for finishing. Each piece of Model B requires 12 labour hours for fabricating and 3 labour hours for finishing. For fabricating and finishing, the maximum labour hours available are 180 and 30 respectively. The company makes a profit of Rs 8000 on each piece of model A and Rs 12000 on each piece of Model B. How many pieces of Model A and Model B should be manufactured per week to realise a maximum profit? What is the maximum profit per week?

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