

**Fakir Chand College**  
**B.COM PART – II EXAMINATION 2020**  
**Subject – Economics II**  
**Paper – C21A-A**  
**Full Marks – 25**

**Answer the following questions:**

1. a) Distinguish between GNP at market price and GDP at market price. 5  
or  
b) What do you understand by circular flow of income? 5
2. a) What is consumption function? What are the characteristics of Keynesian consumption function? 10  
Or  
b) Using a diagram show how equilibrium income is determined in the simple Keynesian model. 10
3. a) What do you mean by IS curve? Derive Is curve graphically. 10  
or  
Distinguish between demand pull inflation and cost push inflation. 10

FAKIR CHAND COLLEGE

B.Com Part-II(HONOURS/GENERAL/MAJOR)EXMINATION,2020

Subject: Advanced Business Mathematics

Paper Code: C21A-B

Full Marks=25

Answer any five:

$5 \times 5 = 25$

1. Find a function of the form  $f(x) = ax^2 + bx + c$  if it is known that  $f(0) = 5$ ,  $f(-1) = 10$ ,  $f(1) = 6$ . 5

2. Find the value of  $\begin{vmatrix} \cos^2\theta & \cos\theta\sin\theta & -\sin\theta \\ \cos\theta\sin\theta & \sin^2\theta & \cos\theta \\ \sin\theta & -\cos\theta & 0 \end{vmatrix}$  5

3. Differentiate the function with respect to x:  $\frac{(1-x)^4}{(1+x)^5}$  5

4. Evaluate  $\log_{x \rightarrow 1} \frac{x^2-3x+2}{x^2-4x+3}$  5

5. Find the point/s of discontinuity of the function :  $\frac{3x^2-4x}{x^3+x^2}$  5

6. If  $A = \begin{pmatrix} 2 & 5 & 3 \\ 3 & 1 & 2 \\ 1 & 2 & -1 \end{pmatrix}$  be a square matrix, find  $A^{-1}$  5