

Fakir Chand College
B.COM SEMESTER V EXAMINATION (Under CBCS) 2020
Subject – Economics II
Paper –DSE 5.1A

INTERNAL ASSESSMENT
Full Marks – 5

Choose the correct answer from **any five** of the following multiple-choice questions:

1. To arrive National Income from Net National Product at market price, we
 - a) Add indirect tax
 - b) Deduct indirect tax and add subsidy
 - c) add depreciation
 - d) deduct depreciation
2. The ratio of Nominal GDP to real GDP is known as
 - a) GDP deflator
 - b) Per Capita Income
 - c) Real National Income
 - d) Depreciation
3. If value of APC is $\frac{1}{3}$ then value of APS is
 - a) 3
 - b) $\frac{2}{3}$
 - c) $\frac{4}{3}$
 - d) 1
4. The value of investment multiplier in simple Keynesian theory is
 - a) 1
 - b) $1-MPS$
 - c) $\frac{1}{1-MPC}$
 - d) MPS
5. The locus joining set of points showing interest rate (r) and national income (Y) for which money market is in equilibrium is called
 - a) LM curve
 - b) IS curve
 - c) IS-LM curve
 - d) None of the above
6. The measure of money supply that includes currency in circulation with the public plus demand deposits with banking system and other deposits with RBI is called
 - a) M1
 - b) M2
 - c) M3
 - d) M4

7. An increase in population pressure and government expenditure results in
- a) Demand-pull inflation
 - b) Cost-push inflation
 - c) Deflation
 - d) Demonetization

THEORY EXAMINATION
FULL MARKS – 20

Answer the following questions:

1. a) What is investment multiplier? Show how the value of investment multiplier in simple Keynesian model is dependent on marginal propensity to consume. 2+8
Or
b) Using a diagram show how equilibrium income is determined in the simple Keynesian model. 10
- 2.a) What do you mean by IS curve? Derive Is curve graphically. 10
or
b) What is inflationary gap? Explain the concept of inflationary gap. 10

Fakir Chand College
B.com Semester-V(Honours/General/Major) 2020
Internal Assessment
Subject: Advanced Business Mathematics

Paper: DSE5.1A

Full Marks :5

Answer any one

1. Find $f(x)$, if $f(x+1)=2x^2+2x-5$ 5

2. Differentiate with respect to x ,
 $Y=(x^2+a^2)^{17}$ 5

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**B.com Semester-V(Honours/General/Major) Supplementary Examination
2020 (Under CBCS)**

Subject: Advanced Business Mathematics

Paper: DSE5.1A

Full Marks :40

Answer any two

1.a) If $f(x)=2x^2-7x+15$, find $f(0), f(-5), f(2)$

b) Find the domain and Range of the given function

$$f(x)=(x-5)^{1/2}$$

10+10=20

2.a) Differentiate the function with respect to x :

$$f(x)=(x^3+1)^2$$

b) Find value of $\int \sqrt{(3x-5)} dx$

10+10=20

3. a) Find maximum and minimum value of the function $y=x^3-3x+1$

b) Evaluate $\begin{vmatrix} 2 & 3 & 5 \\ 6 & 4 & 9 \\ 7 & 8 & 1 \end{vmatrix}$

10+10=20