

BE FIRST SEMESTER FINAL YEAR (CONSTRUCTION) - 2019

Subject : ENGINEERING ECONOMICS & BOOKKEEPING

Time : Three hours

Full Marks: 100

PART - I

Answer of a question No. 1 & any two of the rest. Answer parts of any question **SERIALLY** with all parts of the same question **SERIALLY** & written together. This should be **STRICTLY ADHERED** to. Please use a **FRESH** page while answering a **NEW** question or any part of a new question. Assume any reasonable data as considered necessary.

CO1, CO2 & CO3 [18]	<p>1 (a) Distinguish between : (<i>Any three</i>) 3 X 3 = 9</p> <p>(i) Fixed Assets & Current Assets. [CO1] (ii) Sundry Debtors & Trade Creditors. [CO2] (iii) Operating Profit & Net Profit. [CO3] (iv) Trade Discount & Cash Discount. [CO3]</p> <p>(b) Annotate : (<i>Any three</i>) 3 X 3 = 9</p> <p>(i) Order of Permanency. [CO1] (ii) Loan Creditors [CO2] (iii) Working Capital. [CO2] (iv) Intrinsic Asset. [CO3]</p>
CO4 [16]	<p>2 Post the following transactions in a petty Cash Book- 16</p> <p>March 1 : Received Rs. 8,500/- cash from erstwhile cashier. March 3 : Refreshments to office visitors of Rs. 410/-. March 5 : Spent for postages, glue & envelopes Rs. 375/- March 8 : Paid cleaner & tea maker wages of Rs. 270/-. March 10: Purchased Office Stationary of Rs. 160/- March 15: Sealing wax, stapler pin charges of Rs. 60/- March 17: Pay Electric bill of Rs. 1,260/- March 21: Office toilet & floor clearing wages & detergent purchase of Rs.210/- March 22: Bus fares for messengers Rs. 90/- March 25: Pay Water & Municipal taxes of Rs. 740/- March 27: Pay M/s. Gobardhan Dusmanan Patnaik Caterers for supply of lunch packets of Board Meeting at Rs. 375/- per pack for ten packs March 29: Make payment for repair of office equipment Rs. 300/- March 31: Purchase Pen & Paper of Rs. 85/- Balance the cash book & comment that amount you can receive from the cashier in charge under the imprest system.</p>
CO1, CO2 & CO3 [16]	<p>3. M/s. Chattisgarh State Building Corpn. Ltd., Raipur started business with Rs. 10,00,000/- in bank on April 01, 2018. 16</p> <p>The following transactions took place during the month.</p> <p>April 1: Bought Office furniture by cheque of Rs 60,000/- from M/s. Tapas Majumder April 2: Adjustment towards advanced loan to Mr. Gobar Krishna Patnaik, <i>Director (Finance)</i> of M/s LPJU Ltd. of Rs. 2,40,000/- by cheque due to his misappropriation & embezzlement & paid advance rent of Rs. 2,000/- by cheque. April 4 : Cash sales of Rs. 75,000/- & credit sale of Rs. 45,000 & paid Rs. 25,000 to bank. April 8 : Paid Rs. 2,400/- wages to office attendant Mr. Sanjay Sarkar April 11: Credit sales of Rs. 50,000/- & payment to bank Rs 15,000/- April 15: Bought goods on credit of Rs. 65,000/- from M/s. S.K. Parida April 20: Paid cheque of Rs. 27,000/- to settle claims of GST April 23: Bought fax, laptops worth Rs 88,000/- April 25: Paid wages for sub-stuffs of Rs. 24,000/- April 27: Collected interest on loan of Rs. 1,21,000/- from various sources. April 29: Paid Rs. 82,000/- collected as interest payment to bank. April 30: Paid all cash to bank except, Rs 19,000/- cash in hand. Enter all the ledger entries, prepare a Trial balance, Trading & Profit & Loss Account & Balance sheet as at April 30, 2018. The closing stock was valued at Rs. 2,05,000/-.</p>
CO1, CO2 & CO3 [16]	<p>4. Mr Panchanan Mehra took over his father's business on June 01 with Rs. 10,00,000/- in bank & Rs. 80,000/- in hand. He owed Rs. 40,000/- to M/s Gautam Gupta Refractories for the refractory machines & spares supplied up to 31st March. Prepare his cash book, open the necessary ledger accounts & take out a Trial Balance on 30th June. 16</p> <p>June 1 : Paid Rs. 6,500/- by cheque as rent for office premises. June 3 : Cash sales of Rs. 1, 15,000/- June 7 : Drew Rs. 6,400/- cash for self. June 9 : Paid Rs. 17,500/- to bank & sent an A/c payee cheque to M/s Baishakhi Mal of Rs. 26,000/-. June 11 : Bought a second hand vehicle for Rs. 6,70,000/- paid by cheque. June 14 : Paid on advertising account Rs. 18,000/-. June 18 : Bought office furniture of Rs. 45,000/- by cash. June 22 : Bought goods of Rs. 25,000/- from M/s. Chora Sadha Patnaik & gave cheque of Rs. 17,000/- & a post dated cheque of Rs. 8,000 payable on June 30. June 26 : Arranged overdraft for payment of M/s Binod Singh of Rs.17,000/-. June 30 : Paid all surplus cash (except Rs. 20,000/-) to Bank of Maharashtra.</p>

JADAVPUR UNIVERSITY
SEMESTER EXAMINATION
ECONOMICS
FULL MARKS 50
PART- II

Q.1 Define the following terms:

- i. Opportunity cost
- ii. Cross elasticity of demand
- iii. PPF
- iv. Cost push Inflation
- v. Supply

5x2=10

Q.2. Illustrate with a diagram that $0 < MPC < 1$ where MPC stands for Marginal Propensity to Consume.

5

Q.3. Explain the creation of credit by Commercial Banks. What are the consequences of an increase in the reserve ratio?

10

Q.4. Explain the 45° Keynesian Cross diagram.

10

OR

Explain the Circular Flow of Income with two sectors.

Q.5.

- a. What happens to total revenue (TR) when price increases for a good with $e=1$?
- b. What happens to TR when prices decreases for a good with $e<1$?
- c. What does a point inside the PPF signifies?
- d. State the formula for Price Elasticity.
- e. What is the shape of the demand curve on which $e=1$ at all points?

5x1=5

Q.6. Consider a simple diagram with regular linear demand and supply curves.

- a. Find out the equilibrium position and obtain the equilibrium values of quantity and price.
- b. Allow the SS curve to change rightward and obtain the new equilibrium price.
- c. Suppose there is a rise in income of the consumer, what happens to the DD curve and the new equilibrium price?

2+4+4=10