

BACHELOR OF CONSTRUCTION ENGINEERING EXAMINATION, 2018**(4th Year, 1st Semester)****Engineering Economics & Bookkeeping**

Full Marks : 100

Time : Three hours

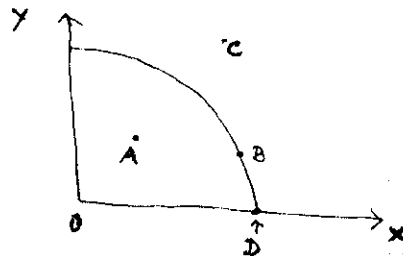
Answer parts of any question *SERIALLY***PART - I (50 marks)**

Answer of a question No. 1 & any TWO of the rest. Please start answering a NEW question or part thereof from a **FRESH NEW** page.

- 1 (a) Distinguish between : (*Any three*) 3 X 3 = 9
 (i) Fixed Assets & Current Assets.
 (ii) Sundry Debtors & Trade Creditors.
 (iii) Gross Profit & Profit after Tax.
 (iv) Trade Discount & Cash Discount.
- (b) Annotate : (*Any three*) 3 X 3 = 9
 (i) Order of Permanency.
 (ii) Loan Creditors
 (iii) Solvency.
 (iv) Working Capital.
- 2 Post the following transactions in a petty Cash Book- 16
 May 1 : Received Rs. 7,300/- cash from erstwhile cashier.
 May 3 : Refreshments to office visitors of Rs. 610/-.
 May 4 : Purchased Office Stationary of Rs. 150/-
 May 7 : Paid cleaner & tea maker wages of Rs. 360/-.
 May 10: Spent for postages, glue & envelopes Rs. 270/-
 May 13: Sealing wax, stapler pin charges of Rs. 90/-
 May 18: Pay Electric bill of Rs. 1,420/-
 May 20: Office toilet & floor clearing wages & detergent purchase of Rs.160/-
 May 22: Bus fares for messengers Rs. 90/-
 May 25: Pay Water & Municipal taxes of Rs. 1,220/-
 May 28: Pay M/s. Gobardhan Patnaik Caterers for supply of lunch packets of Board Meeting at Rs. 175/- per pack for ten packs
 May 31: Purchase Pen & Paper of Rs. 120/-
 Balance the cash book & comment that amount you can receive from the cashier in charge under the imprest system.
3. M/s. Orissa State Mining Corpn. Ltd., Bhubaneswar started business with Rs. 10,00,000/- in bank on June 01, 2014. The following transactions took place during the month. 16
 June 1 : Bought Office furniture by cheque of Rs 45,000/-
 June 2 : Adjustment towards advanced loan to Mr. Gobar Krishna Patnaik, *Director (Finance)* of M/s LPJU Ltd. of Rs. 2,45,000/- by cheque due to his misappropriation & embezzlement & paid advance rent of Rs. 4,000/- by cheque.
 June 4 : Cash sales of Rs. 75,000/- & credit sale of Rs. 58,000 & Rs. 27,000 paid to bank.
 June 8 : Paid Rs. 2,650/- wages to office attendants.
 June 11 : Credit sales of Rs. 55,000/- & payment to bank Rs 18,700/-
 June 15 : Bought goods on credit of Rs. 68,000/- from M/s. S.K. Parida
 June 20 : From cheque for M.P. of Rs. 27,000/-
 June 23 : Bought fax, laptops worth Rs. 82,000/-
 June 25 : Paid wages for sub-stuffs of Rs. 27,000/-
 June 27 : Collected interest on loan of Rs. 1,19,000/- from various sources.
 June 29 : Paid Rs. 85,000/- collected as interest payment to bank.
 June 30 : Paid all cash to bank except, Rs 25,000/- cash in hand.
 Enter all the ledger entries, prepare a Trial balance, Trading & Profit & Loss Account & Balance sheet as at June 30, 2014. The closing stock was valued at Rs. 2,46,000/-.
4. M/s Panchu Langra Ghosh started business on September 01 with Rs. 9,00,000/- in bank & Rs. 80,000/- in hand. He owed Rs. 70,000/- to M/s Exxon Limited for the agricultural machines & spares supplied up to 31st August. Prepare his cash book, open the necessary ledger accounts & take out a Trial Balance on 30th September. 16
 September 1 : Paid Rs. 4,500/- by cheque as rent for office premises.
 September 4 : Cash sales of Rs. 45,000/-
 September 6 : Draw Rs. 2,000/- cash for self.
 September 8 : Paid Rs. 6,700/- to bank & sent an A/c payee cheque to M/s Exxon Limited of Rs. 31,000/-.
 September 11 : Bought a second hand vehicle for Rs. 3,75,000/- paid by cheque.
 September 13 : Paid on advertising account Rs. 18,500/-.
 September 17 : Bought office furniture of Rs. 45,000/- by cash.
 September 22 : Bought goods of Rs. 25,000/- from M/s. Eknojit Mandal & gave cheque of Rs. 16,000/- & a post-dated cheque of Rs. 9,000 payable on September 30.
 September 27 : Arranged overdraft for payment of M/s S C Sathpathy of Rs.17,000/-.
 September 30 : Paid all surplus cash (except Rs. 20,000/-) to Union Bank.

PART - II (50 marks)

5. Explain each of the following statements using supply and demand diagrams : 3x2=6
- (a) When a war breaks out in the Middle East The Price of gasoline rises and the demand for cars decreases.
 - (b) The number of graduate engineers increases due to set up of more engineering colleges.
 - (c) When the weather turns warm in Puri, the price of hotel rooms goes up.
6. If the government permanently increases the price of cigarettes will it necessarily fetch more revenue ? Examine the validity of the statement. 10
7. State the law of demand. Derive the same using LDMU assumption. 10
8. Explain how an economy works when there is no government and no trade. 10
9. Answer the following questions : 2x5=10
- (a) What is as opportunity cost ?
 - (b) What is the stability condition for an equilibrium ?
 - (c) What is the cetens panbus assumption ?
 - (d) What is a PPC ?
 - (e) What is unitary elasticity ?
10. Examine the diagram and comment on points A, B, C and D. 4



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