

13.12.2019

EVERWIN VIDHYASHRAM  
PERIODIC ASSESSMENT-III

Time:1½Hr

STD: XI(CONFIDENT)

ACCOUNTANCY  
GENERAL INSTRUCTIONS

Marks:40

- 1.This question paper contains two parts A and B
- 2.All questions in both the parts are compulsory.
- 3.All parts of question should be attempted at one place
- 4.Marks are given at the end of each question

PART – A

1. Name any two objectives of Accounting. (1)
2. What are the two types of accounting years. (1)
3. Mention any two fundamental accounting assumptions or accounting concept (1)

4. Which account should be debited if wages are paid for installation of a machinery?

5. (a) Record journal entries for the following transactions in the books of Anudeep of Delhi:

- (i) Bought goods Rs.200000 from kanta of delhi (CGST @ 9% and SGST @ 9%)
- (ii) Paid for Railway Transport Rs.10000 (CGST @ 5% and SGST @ 9%)
- (iii) Sold goods 150000 for cash to suntil to uttar Pradesh (IGST @ 18%)

Or

(b) Rectify the following errors:

- (i) Sales book overcusted by Rs.700
- (ii) Purchase book undercusted by Rs. 400
- (iii). Return inward book undercasted by Rs.200

6.(a) In the following purchase return book, determine the missing information.

Date	Particulars	LF	Details	Amount
2017	M/S Sandeep Traders			
June 10	30 Shirts @ Rs. <u>xxx</u> per shirt		9,0000	
	20 Trousers @ Rs2000 per trouser		xxx	
			xxxx	xxx
			xxxx	
	Less : Trade discount @ 10 %			
June 24	M/S price Fashion House			

5 fancy tousers @ Rs1000 each trouser	xxx	
Xxx fancy hats @ Rs1000 per hats	4000	
	xxx	xxx
Less : Trade discount @ 5 %	xxx	1,25550
xxx (Cr)		

(OR)

Rectify the following errors

- (i) Credit sales to Mohan Rs7000 were posted as Rs.6000
- (ii) Goods returned from mahesh Rs.1000 were posted as Rs.3000
- (iii) Cash sales Rs2000 were posted as Rs200
- (iv) Credit purchase from Rohan Rs.9000 were posted as Rs. 6000

7.(a) The following are some of the transactions of M/S Kishore and sons as per waste Book. Make out their sales Book. (6 Marks)

(i) Sold to M/S Gupta and Verma on credit: 30 Shirts @ Rs. 150 each, 20 toursers @ Rs300 each.

Less : Trade discount @ 10 %

(ii) Sold old furniture to M/S Sehgal & co.on credit Rs.800 each.

(iii) Sold 50 shirts on credit to M/S Jain & sons @ 150 each

(iv) Sold on credit to M/S Mathur and Jain

100 Shirts @ Rs.175

10 overcoats @ Rs.500

Less: Trade discount @ 10%

(Or)

(b) Mohit has following transactions. Prepare Accounting Equation:

- (i) Business started with cash 175000
- (ii) Purchased goods from Rohit 50000
- (iii) Sold goods on credit to Manish (Costing 17, 500) 20000
- (iv) Purchased Furniture for office use 10000
- (v) Cash paid to rohit in full settlement 48000
- (vi) Cash received from Manish 20000

8.(a) Saraswathi Ltd, purchased a machinery costing Rs.1000000 on January 01, 2011. A new machinery was purchased on 1 May, 2012 for Rs.1500000 and another on July 1, 2011 for Rs. 1200000. A part of the machinery which originally cost Rs.200000 in 2011 was sold for Rs. 75000 on October 31, 2014. Show the machinery account, provision for depreciation account and machinery disposal account for 2011 to 2015 if depreciated is provided at 10% P.a on original cost

and account are closed on Dec 31 Every year. (8) marks

(or)

(b) Prepare a purchase return Journal (Book) and post them to the respective ledger Ale from the following transaction for January 2014.

Jan 5 : Return Good to M/S Karthik Trader	1200
Jan 10 : Goods return to Suntil pvt Ltd	2500
Jan 17: Goods return to M/S Kohinoor Traders for list price	2000
Less : 10% Trade Discount	
Jan 28 : Return outward to M/S Handa Traders	550

PART – B

1. Branches or Sub – discipline of accounting (1Mark)

(a) Financial Accounting (b) Management Accounting

(c) Both (a) and (b) (d) None of the above

2. Which of the following Accounting Standard lays down fundamental accounting assumption (1 Mark)

(a) AS – 1 (b) AS – 3 (c) Both (a) and (b) (d) None of these

3. Asset (1 Mark)

(a) Capital and Libilities (b) All Libilities

(c) Internal Libilities and External Libilities (d) All of the above

4. What does the right sides of the cash book show: (1 Mark)

(a) Payments in cash (b) Expenses and losses

(c) Both (a) and (b) (d) None of the these

5. (a) Enter the following transaction in simple cash book for the year December

2014 (3)

Dec 1 cash in hand 7750

Dec 6 Paid to Sonu 45

Dec 8 Purchased Goods 600

Dec 15 Received cash from prakash 960

Dec 20 cash Sales 500

Dec 25 Paid to S. Kumar 1200

Dec 30 Paid rent

600

Or

(b) On April 01 2010, M/S Bajrang Marbles purchased a machine Rs.280000 and spent Rs.10000 on its carriage and Rs.10000 on its Installation. It is estimated

that its working life is 10 years and after 10 years its scrap value will be Rs.20000.

Provide depreciation for first two years on straight line method. Accounts are closed on 31<sup>st</sup> March every tear.

6.(a) Prepare Trial balance from the following ledger the (4)

Capital	100000
Purchases	36000
Carriages	4000
Sales	60000
Return inward	6000
Salaries	14000
Sundry Debtors	40000
Cash	20000
Rent and taxes	4000
Drawings	6000
Creditors	10000
Building	40000

(b) Prepare accounting equation from the following

(i)Sandeep Started business with cash 100000

(ii)Purchased furniture for cash 5000

(iii)Purchased goods for cash 20000

(iv) Purchased goods on credit 36000

(v)Paid for rent 700

(vi)Goods costing Rs.40000 sold at profit of 20% for each

7(a). Berlia Ltd Purchase a second hand machine for Rs.56000 on July 01, 2011 and spent Rs.24000 on its repairs and installation and Rs.5000 for its carriage. On

September 01, 2012 it purchased another machine for Rs.250000 and spent Rs.10000 on its installation.

- (i) Depreciation is provided on machinery @ 10% on original cost method annually on December 31. Prepare Depreciation account from the year 2011 and 2013.

Or

(b) M/S Ruchi trader started their cash book with the following balance on Dec 01, 2014: Cash in hand Rs.1354 and balance at Bank Account Rs.7560. He had the following transaction in the month of December, 2014

Dec 03 Cash Sales	2300
Dec 05 Purchased good, paid by cheque	6000
Dec 08 Cash sales	10000
Dec 12 Paid trade Expenses	700
Dec 15 Sales goods, received cheque (deposited same day)	20000
Dec 18 Purchased Motor car paid by Cheque	15000
Dec20Cheque received from Manisha (Not deposited same day)	10000
Dec22 Cash Sales	7000
Dec 23 Munisha's cheques deposited into bank	10000
Dec25 Manisha's cheque dishonoured	10000
Dec 28 Paid rent	2000
Dec 29 Paid telephone expenses by cheque	500
Dec 31 Cash with drawn for personal use	2000

Prepare Bank column cash Book

8.(a) Give Journal entries to rectify the following errors assuming that suspense account had been opened

(8)

- (i) Goods distributed as free sample Rs.5000 were not recorded in the books

(ii) Goods withdrawn for personal use by the proprietor Rs.2000 were not recorded in the books.

(iii). Bills receivables received from a debtors Rs. 6000 was not posted to his account.

(iv) Total to returns inwards book Rs.1200 was posted to returns outwards account.

(v) Discount allowed to Reema Rs.700 on receiving cash from her was recorded in the books as Rs.70

Or

(b) Journalize the following transactions  
2015

June 2	Open Bank account in PNB	80000
June 4	Goods purchase from Tara	22000
June 15	Cash received from Naman	11700
	Discount allowed	300
June 20	Withdraw from bank for personal use	4000
June 22	Goods issued for house hold purpose	2000
June 24	Drawn cash from bank for office use	1000
June 27	Bank Cheques	3006
June 30	Cheque given for Insurance premium	7006

STD: XI(MAJESTIC)

PHYSICS

Marks:40

I. Answer the following

4 x 1 = 4

1. A body is moving along a circular path. How much work is done by the centripetal force?
2. The power of an engine lifting a mass of 100 kg upto a height of 10m in 1min is \_\_\_\_\_

3. What is the value of a acceleration caused by force of gravity on a stone placed on ground?

- a)  $10\text{ms}^{-2}$       b)  $9.8\text{ms}^{-2}$       c) 0      d)  $\sim 9.81\text{ms}^{-2}$

4. What is the weight of a body in a geostationary satellite?

II. Answer the following in short

6 x 2 = 12

5. A body constrained to move along the Z- axis of a coordinate system is subject to a constant force F given by  $F = \dots$ , where  $\dots$  are unit Vectors along the x, y and z axes of the system respectively. What is the work done by this force in moving the body at a distance of 4m along the Z-axis?

6. What is meant by mass – energy equivalence? Discuss its significance in physics.

7. Calculate the Kinetic energy of a body of mass 0.1 kg, if its linear momentum is  $20\text{kgms}^{-1}$ .

8. The graviltational force between two spheres is 'x' when the distance between their centres is y. What will be the new force, if the separation is made 3y?

9. Why a body weighs more at poles and less at equator?

10. What is gravitational potential energy? Write the expression for the gravitational potential energy of a body at height h from the earth surface.

Or

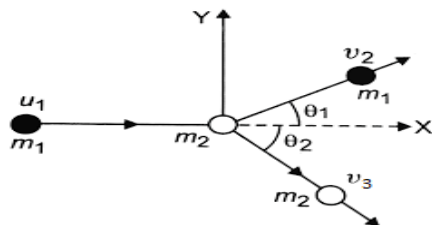
11. Calculate the power of motor which is capable of raising of water in 5min from a well 120 m volume of water raised is 2000L

II. ANSWER THE FOLLOWING IN BRIEF

3 x 3 = 9

12. State and prove work energy theorem

13. Consider the collision depicted in Fig



to be between two billiard balls with equal masses  $m_1 = m_2$ . The first ball is called the cue while the second ball is called target. The billiard player wants to sink the target ball in the corner pocket, which is at an angle  $\theta_2 = 37^\circ$ . Assume that the collision is elastic & the friction and Rotational motion are not important obtain  $\theta_1$

14. State Kepler's laws of planetary motion

Or

15. A sphere of mass 40kg is attracted by a second sphere of mass 60 kg with a 4N, then calculate the distance between them.

IV. ANSWER THE FOLLOWING IN DETAIL

5 x 5 = 25

16. A body of mass 2kg initially at rest moves under the action of an applied horizontal force of TN on a table with co –efficient of Kinetic friction = 0.1

Complete the

- a) Work done by the applied force in 10s
- b) Work done by friction in 10s
- c) Work done by the net force on the body is 10S
- d) Change in kinetic energy of the body in 10s and interpret your results

or

17. Derive an expression for acceleration due to gravity below and above the surface of earth.

18. Derive an expression for escape speed.

19. A rocket is fired from the earth towards the sun. At what distance from the earth's centre is the gravitational force on the rocket zero? Mass of the sun =  $2 \times 10^{30}\text{kg}$ , mass of the earth =  $6 \times 10^{24}\text{kg}$ . Neglect the effect of other planets etc. orbital radius =  $1.5 \times 10^{11}\text{m}$

20. A Ballistic Bob of mass m is suspended by a light string of length L. It is imparted a horizontal velocity  $V_0$  at the lowest point A, Such that it completes a semi – circular trajectory in the vertical plane with the string becoming slack only on reaching the topmost point C. Obtain an expression for (i)  $V_0$  (ii) the speeds at point B & C (iii) the ratio of kinetic energies ( $K_B/K_C$ ) at B & C. Comment on the nature of trajectory of the bob after it reaches the point C.

21.a) An electron and a proton are detected in a cosmic ray experiment, the first with kinetic energy 10 KeV and the second with 100 Kev. Which is faster, the electron or proton? Obtain the ratio of their speeds. Electron mass =  $9.11 \times 10^{-31}\text{Kg}$ , Proton mass =  $1.67 \times 10^{-19}\text{J}$ .

b) Does potential energy of a spring decrease / increase when it is compressed or stretched?



