

EVERWIN MATRIC. HR. SEC. SCHOOL

14.08.19 T.T Accountancy Time: 45 Mins
 STD: XI (F,G) Marks: 30

I. Choose the best answer: 5x1=5

1. J.F means _____.
 - a) Journal page number
 - b) Ledger page number
 - c) Order number
2. The amount brought into the business by the proprietor should be credited to _____.
 - a) Cash account
 - b) Capital account
 - c) Drawing account
3. The process of recording in Journal is called _____.
 - a) Posting
 - b) Journalising
 - c) Recording
4. If the credit side total is more than the total of debit side, the difference is credit balance and is placed on the debit side as
 - a) To Balance b/d
 - b) By Balance c/d
 - c) To Balance c/d
5. The process of finding the net amount from the totals of debit and credit columns in a ledger is known as
 - a) Journalising
 - b) Posting
 - c) Balancing

II. Answer the following questions:

6. What is meant by Posting? (2 Marks)
7. Distinguish between Journal and Ledger. (3 Marks)
8. Prepare Furniture A/c from the following transactions: (5 Marks)

2016	₹
Jan 1 Furniture in hand	2,000
Jan 1 Purchased furniture for cash	4,000
Jan 30 Sold Furniture	400

9. The following balances appeared in the books of Vinoth on Jan 1, 2018 (5 Marks)

Assets: Cash ₹40,000, Stock ₹50,000
 Amount due from Ram ₹20,000
 Machinery ₹40,000

Liabilities: Amount due to Vijay ₹10,000

Pass the opening journal entry and post them to Vinoth's capital account.

10. Journalise the following transaction and post them to ledger in the books of Raja. (10 Marks)

2018		₹
Mar 1	Sold goods to Senthil for cash	9,000
5	Sold goods to Murali on credit	4,500
9	Cash sales	6,000
18	Bought goods from Mani on credit	3,200
23	Received ₹4,000 from Murali in full settlement of his account.	

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14.08.19
STD: XI (E,H,I)

T.T English

Time: 45 Mins
Marks: 25

I. Read the following poetic lines and answer the questions below:

17x1=17

- And 'tis My faith that every flower
Enjoys the air it breathes.....
a) What is the poet's faith?
b) What trait of Nature do we see here?
- And I must think, do all I can,
That there was pleasure there.....
a) What did the poet notice about the twigs?
b) What was the poet's thought about them?
- If this belief from heaven be sent,
If such be Nature's holy plan.
a) What does 'heaven' refer to?
b) Why does the poet call it 'holy'?
c) Mention the figure of speech.
d) What is the antithesis explained here?
- "To her fair works did Nature Link
The human soul that through me ran"
a) Mention the figure of speech.
b) What can nature create?
- "And much it grieved my heart to think
What made has made of man"
a) What does the word 'grieved' mean?
b) Why does the poet become sad when he thinks about
the activities of man?
- "Through primroses tufts, in that sweet bower,
The Periwinkle trail'd its wreaths;
a) What is a primrose?
b) What are wreaths?
c) What does the poet mean by 'bower'?"
- Have I not reason to lament
What man has made of man?
a) What does the poet mean by the word 'lament'?
b) Mention the figure of speech.

II. Explain the reference to the context:

1x3=3

8. What Man has made of Man?

III. Write a paragraph in about 150 words about the following: (5)

9. Does nature affect a person's thoughts and feelings? Explain.

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14.08.19

STD: XI (B,D)

T.T Chemistry

Time: 45 Mins
Marks: 30

I. Choose the correct answer:

5x1=5

- In which of the following options the order of arrangement does not agree with the variation of property indicated against it?
a) $I < Br < Cl < F$ (increasing electron gain enthalpy)
b) $Li < Na < K < Rb$ (increasing metallic radius)
c) $Al^{3+} < Ag^{2+} < Na^{+} < F^{-}$ (increasing ionic size)
d) $B < C < O < N$ (increasing first ionisation enthalpy)
- Which one of the following is true about metallic character when we move from left to right in a period and top to bottom in a group?
a) decreases in a period and increases along the group
b) increases in a period and decreases in a group
c) increases both in the period and the group
d) decreases both in the period and in the group
- Which one of the following is the least electronegative element?
a) Bromine b) Chlorine c) Iodine d) Hydrogen
- In the third period the first ionization potential is of the order
a) $Na > Al > Mg > Si > P$ b) $Na < Al < Mg < Si < P$
c) $Mg > Na > Si > P > A$ d) $Na < Al < Mg < Si < P$
- Which one of the following arrangements represent the correct order of least negative?
a) $Al < O < C < Ca < F$ b) $Al < Ca < O < C$
c) $C < F < O < Al < Ca$ d) $Ca < Al < C < O < F$

II. Answer any 5 of the following:

5x2=10

- Give the general electronic configuration of lanthanides and actinides.
- In what period and group will an element with $Z=117$ will be present?
- What is effective nuclear charge?
- What is Screening effect?
- Define electronegativity.
- Define electron affinity.

III. Answer any 3 of the following:

3x5=15

- Briefly give the basis for Pauling's scale of electronegativity.
- a) Explain the diagonal relationship(s).
b) Write reactions to prove amphoteric nature of $Be(OH)_2$.
- Write the characteristics of s-block elements.
- Explain the periodic trend of ionisation potential.

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14.08.19 T.T Physics Time: 45 Mins
 STD: XI (A,C) Marks: 30

I. Choose the correct answer: 5x1=5

1. The law of conservation of momentum implies on
 - a) magnitude b) direction c) both a & b d) All of these
2. The empirical formula for static friction is
 - a) $0 \leq f_s < \mu_s N$ b) $0 \leq f_s < \mu_s N$ c) $0 = f_s = \mu_s N$ d) $0 \geq f_s < \mu_s N$
3. The deformation of a minimal friction between wheel and surface
 - a) Rolling friction b) Static friction c) Kinetic friction
 - d) Angle of Repose
4. The resultant force of angle of friction is
 - a) $R = \sqrt{(f_s \max)^2 + N^2}$ b) $\sqrt{(f \max)^2 + N}$
 - c) $R = \sqrt{N^2 + f \max}$ d) $R = \sqrt{(f_s \max) + N}$
5. At the point of sliding the co-efficient of static friction is
 - a) $\mu_k = \tan \theta$ b) $\mu_s = \tan \theta$ c) $\mu_s > \tan \theta$ d) $\mu_s < \tan \theta$

II. Answer any 5 of the following: 5x3=15

6. Differentiate static and kinetic friction.
7. Consider an object of mass 50kg at rest on the floor. A force of 5N is applied on the object but it does not move. What is the frictional force that acts on the object?
8. A object of mass 10kg moving with a speed of 15m/s hits the wall and comes to rest within
 - a) 0.03 second b) 10 second
9. What is recoiling momentum?
10. Identify the internal and external forces:
 - a) Earth and sun as a system
 - b) Our body and Earth as a system
11. Define Angle of Repose.
12. How will you reduce friction in Rolling machine?

III. Answer any 2 of the following: 2x5=10

13. Explain Impulsive force with example.
14. Does Law of conservation of Momentum obeys Newton's second law?
15. Explain i) Angle of friction (2½ Marks)
 ii) To move an object push is easier – substantiate. (2½ Marks)