

I. Choose the most appropriate synonyms of the underlined word from the options given below: $16 \times \frac{1}{2} = 8$

1. Scrambling on the rocks and cutting hand holds on the snow,.....
a) climbing fast b) retreating c) resting d) stopping
2. We have a whole kingdom, in which we can be conventional or odd
a) unusual b) normal c) abnormal d) strange
3. Liberty is not a personal affair only, but a social contract.
a) commitment b) disloyalty c) treachery d) falseness

Choose the most appropriate antonyms of the underlined word from the options given below:

4. All encrusted circles concealed his face.
a) open b) disclose c) hide d) shut
5. Individual liberty would become social anarchy.
a) confusion b) disorder c) danger d) peace
6. He is not a symbol of tyranny.
a) coercion b) pressure c) intimidate d) freedom

Fill in the blanks with the right idiom:

7. Each member of the team had all their _____.
a) round the corner b) ducks in a row
c) wait for the dust to settle d) did the math

Choose the suitable phrasal verb from the given option:

8. The plane will _____ at 10 am.
a) take in b) take off c) take over d) take off
9. Choose the suitable option to pair it with the word 'bags' to form a compound word:
a) knife b) wind c) ice d) partly

Read the following sentence and fill in the blanks:

10. If I were you, I _____ (accept) this offer.

Use the gerundial form of the verb in the brackets and fill in the blanks:

11. My friend waited for the _____ (meet).

Complete the following sentence in the underlined space with a correct article:

12. Fourteen people died of _____ Andreno's effect.
a) a b) an c) the d) o

Complete the following sentences using appropriate determiners:

13. How _____ sugar do you want?
a) many b) much c) more d) some
14. Choose the correct American English word for 'post'
a) mail b) code c) number d) pin

Choose the correct option and complete the sentences:

15. Kumar as well as his friends _____ (have, has) won the prize.
16. The Captain, with all his sailors, _____ (was, were) drowned.

II. Read the following sets of poetic lines and answer the questions below: $9 \times 1 = 9$

"For my purpose holds
To sail beyond the sunset, and the baths
Of all the western stars, until I die.

17. What was Ulysses purpose in life?
18. How long would his venture last?
"To follow knowledge like a sinking star"
19. What is the figure of speech used here?
"Life is a soft loam, be gentle; go easy"
And this too might serve him.

20. What is life compared to?

21. Why does the poet suggest to take life easy?

22. Identify the figure of speech in the above line.

“You’re wounded! ‘way’ his soldier’s pride

Touched to the quick, he said:

23. Why did the boy contradict Napoleon’s words?

24. Why was his pride touched?

You know, we French stormed Ratisbon:

25. What is the figure of speech used here?

III. Explain (any one) with reference to the context of the following lines: 1x3=3

26. He works his work, I mine.

27. “I’m killed, sire!” And, his chief beside,
Smiling, the boy fall dead.”

28. and guide him among sudden betrayals
and tighten him for slack moments.

IV. Do as directed: (any two) 2x2=4

Rewrite the following sentences using ‘If’ without changing the meaning:

29. Tanya would not know the answer unless she referred to the answer key.

Combine the sentences using relative pronoun:

30. The man directed the film. He was my schoolmate.

31. Compulsive gambling is the worst habit a man can develop.
(Change into comparative degree)

IV. A) Answer any two of the following briefly: 2x3=6

32. What is the foundation of social conduct?

33. What is ‘liberty’ according to the old lady?

34. How did the mountaineers belong?

B) Answer any one of the following in a paragraph of 100-150 words: 1x5=5

35. What is the role of the young soldier in the victory of the French at Ralisbon?

36. What is the conflict between Margot and the other children in the story, “All summer in a Day”?

37. What do you infer from Gardiner’s essay ‘On the rule of the Road’?

V. Respond to the following advertisement considering yourself fulfilling the conditions specified: 1x5=5

38.

<p>A Public Sector Company requires a Stenographer for its office, Preferably a graduate with 5 years experience. Only persons with a good command over English, good typing speed and good in short hand need apply. Apply within a week to Post.Box.No:765 New Delhi - 110 005</p>

I. Choose the correct answer: 10x1=10

1. A polynomial equation in x of degree n always has _____.
 a) n distinct roots b) n real roots c) n imaginary roots
 d) atmost one root
2. A zero of x^3+64 is _____.
 a) 1 b) 4 c) 4i d) -4
3. The polynomial x^3+2x+3 has _____.
 a) one negative and two imaginary zeros
 b) one positive and two imaginary zeros
 c) three real zeros d) no zeros
4. The polynomial x^3-kx^2+9x has three real zeros if and only if, k satisfies _____.
 a) $|k| \leq 6$ b) $k=0$ c) $|k|>6$ d) $|k| \geq 6$
5. The radius of the circle $3x^2+by^2+4bx-6by+b^2=0$ is _____.
 a) 1 b) 3 c) $\sqrt{10}$ d) $\sqrt{11}$
6. The eccentricity of the hyperbola whose latus rectum is 8 and conjugate axis is equal to half the distance between the foci is
 a) $\frac{4}{3}$ b) $\frac{4}{\sqrt{3}}$ c) $\frac{2}{\sqrt{3}}$ d) $\frac{3}{2}$
7. The area of quadrilateral formed with foci of the hyperbolas $\frac{x^2}{a^2}-\frac{y^2}{b^2}=1$ and $\frac{x^2}{a^2}+\frac{y^2}{b^2}=-1$ is _____.
 a) $4(a^2+b^2)$ b) $2(a^2+b^2)$ c) a^2+b^2 d) $\frac{1}{2}(a^2+b^2)$
8. The eccentricity of the ellipse $(x-3)^2+(y-4)^2=\frac{y^2}{9}$ is _____.
 a) $\frac{\sqrt{3}}{2}$ b) $\frac{1}{3}$ c) $\frac{3}{3\sqrt{2}}$ d) $\frac{1}{\sqrt{3}}$
9. The locus of a point whose distance from (-2, 0) is $\frac{2}{3}$ times its distance from the line $x=\frac{-9}{2}$ is _____.
 a) a parabola b) a hyperbola c) an ellipse d) a circle
10. If $x+y=k$ is a normal to the parabola $y^2=12x$, then the value of k is _____.
 a) 3 b) -1 c) 1 d) 9

II. Answer any 3 of the following: 3x2=6

11. Find a polynomial equation of minimum degree with rational coefficients, having $2+\sqrt{3}i$ as a root.

12. If α, β, γ are the roots of the cubic equation $x^3+2x^2+3x+4=0$, form a cubic equation whose roots are $2\alpha, 2\beta, 2\gamma$.

13. Find the equation of the circle with centre (2, -1) and passing through the point (3, 6) in standard form.

14. Prove that the point of intersection of the tangents at 't₁' and 't₂' on the parabola $y^2=4ax$ is $(at_1t_2, a(t_1+t_2))$.

III. Answer any 3 of the following: 3x3=9

15. Solve the equation: $\sin^2x-5\sin x+4=0$

16. If p and q are the roots of the equation $lx^2+mx+n=0$, show

$$\text{that } \sqrt{\frac{p}{q}} + \sqrt{\frac{q}{p}} + \sqrt{\frac{n}{l}} = 0$$

17. Find the equation ellipse with foci $(\pm 3, 0)$, $e=\frac{1}{2}$

18. Find the equations of the tangent and normal to hyperbola $12x^2-9y^2=108$ at $\theta=\frac{\pi}{3}$

IV. Answer any 3 of the following: 3x5=15

19. A bridge has a parabolic arch that is 10m high in the centre and 30m wide at the bottom. Find the height of the arch 6m from the centre, on either sides.

20. If the equation $3x^2+(3-p)xy+qy^2-2px=8pq$ represents a circle find p and q. Also determine the centre and radius of the circle.

21. Solve: $(x-5)(x-7)(x+6)(x+4)=504$

22. Solve the equation: $9x^3-36x^2+44x-16=0$ if their roots form an arithmetic progression.

I. Choose the correct answer: 5x1=5

- The multiplier tells us how much _____ changes after a shift in _____.
a) consumption, income b) investment, output
c) savings, investment d) output, aggregate demand
- According to Keynes, investment is a function of the MEC and
a) Demand b) Supply c) Income d) Rate of interest
- During inflation, who are the gainers?
a) Debtors b) Creditors c) Wage and salary earners
d) Government
- Who will act as the banker to the Government of India?
a) SBI b) NABARD c) ICICI d) RBI
- Bank credit refers to _____.
a) Bank Loans b) Advances c) Borrowings
d) Bank loans and advances

II. Answer any 5 of the following: 5x2=10

- Define commercial banks.
- Write the meaning of open market operations.
- Define Money.
- What is Stagflation?
- Define average propensity to consume (APC).
- What do you mean by propensity to save?

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

- Mention the differences between accelerator and multiplier effect.
- State the concept of super multiplier.
- Write a note on metallic money.
- Explain Demand-pull and Cost push inflation.
- Specify the functions of IFCI.
- Give a brief note on NBFI.

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

- What are the objectives of Monetary policy? Explain.
- Describe the phases of Trade cycle.
- Explain Keynes psychological law of consumption function with diagram.

I. Choose the correct answer: 5x1=5

- The force experienced by a particle having mass 'm' and charge 'q' accelerated through a potential difference V when it is kept under perpendicular magnetic field \vec{B} is _____.
a) $\sqrt{\frac{2q^3BV}{m}}$ b) $\sqrt{\frac{q^3B^2V}{2m}}$ c) $\sqrt{\frac{2q^3B^2V}{m}}$ d) $\sqrt{\frac{2q^3BV}{m^3}}$
- A non-conducting charged ring of charge q, mass 'm' and radius 'r' is rotated with constant angular speed D. Find the ratio of its magnetic moment with angular momentum is _____.
a) $\frac{q}{m}$ b) $\frac{2q}{m}$ c) $\frac{q}{2m}$ d) $\frac{q}{4m}$
- The alloys used for muscle wires in Robots are _____.
a) Shape memory alloys b) Gold copper alloys
c) Gold silver alloys d) Two dimensional alloys
- The gravitational waves were theoretically proposed by _____.
a) Convad Rontgen b) Marie curie c) Albert Einstein
d) Edward Purcell
- Sky wax is an application of nano product in the field of _____.
a) Medicine b) Textile c) Sports d) Automotive industry

II. Answer any 5 of the following: 5x2=10

- Define End rule.
- State Maxwell's right hand cork screw rule.
- Compare dia, para and ferro magnetism.
- Define curie-weiss law.
- State Ampere's circuital law.
- What is magnetic susceptibility?

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

- State and explain Biot-Savart law.
- Explain Magnetic Lorentz force.
- Write any 6 disadvantages of Robotics.
- Write a short note on:
i) Artificial Intelligence ii) Virtual Reality
- Explain the conversion of galvanometer into voltmeter.
- Calculate the magnetic induction at a point on the axial line of a bar magnet.

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

- Obtain the magnetic induction at a point on the equatorial line of a bar magnet.
- Discuss the construction and working of a cyclotron.
- Derive an expression for Bohr magneton.

- I. Choose the correct answer: 5x1=5
- _____ system gives full scope to the individual strength and responsibility.
a) MBA b) MBM c) MBO d) MBE
 - Stock exchange deal in _____.
a) goods b) services c) financial securities
d) country's currency
 - The spot market is classified on the basis of _____.
a) time b) transaction c) commodity d) regulation
 - _____ should cover aspects like sources of finance, technical know-how, source of labour and raw material, market potential and profitability.
a) Progress Report b) Finance Report
c) Technical Report d) Project Report
 - How does a person who envisages the idea to form a company called?
a) Company Secretary b) Director c) Promoter
d) Registrar
- II. Answer any 5 from the following: 5x2=10
- What is bonus shares?
 - List down the two types of finance.
 - What is meant by regulated market?
 - What is meant by remiser?
 - Mention any two advantages of MBO.
 - What do you mean by equity shares?
- III. Answer any 5 from the following: 5x3=15
- What do you understand by issue of securities at premium?
 - What is the procedure for getting power connection for an Entrepreneurial Venture?
 - Mention any three roles of marketer.
 - Explain Stag and Lame Duck.
 - List out any four process of MBO.
 - What is issue of shares at discount? What conditions should be fulfilled?
- IV. Answer any 2 from the following: 2x5=10
- What are the various kinds of debentures?
 - Discuss the preparation of a project report.
 - Explain the functions of Stock Exchange.

- I. Choose the correct answer: 5x1=5
- _____ keeps management alert to opportunities and threats by identifying critical problems.
a) MBO b) MBE c) MBA d) MBM
 - A bull operator believes in _____.
a) decrease in prices b) increase in prices
c) stability in prices d) no changes in prices
 - Stock Exchange market is also called _____.
a) Spot market b) Local market
c) Security market d) National market
 - _____ has to include the mechanism for managing venture in the project report.
a) Banker b) Government c) Lending institutions
d) Entrepreneur
 - Who can issue stock?
a) Private b) Small c) Public d) One person
- II. Answer any 5 from the following: 5x2=10
- What is right shares?
 - Give a note on 'Digital India'.
 - What is meant by commodity market?
 - What are the types of speculator?
 - What are the objectives of MBO?
 - What is private placement?
- III. Answer any 5 from the following: 5x3=15
- Distinguish between shares and stocks.
 - What is Startup India?
 - What can be marketed in the market?
 - Explain Bull and Bear.
 - What are the process of MBE?
 - State the condition stipulated for capital subscription at the time of promotion.
- IV. Answer any 2 from the following: 2x5=10
- Briefly explain the different stages in formation of a company.
 - Describe the steps promoting entrepreneurial venture.
 - What is your contribution to promote the market in the modern society?

I. பலவுள் தெரிக:

10×1=10

1. "எங்கள் தந்தையர் நாடென்ற மூச்சினிலே - ஒரு சக்தி பிறக்குது மூச்சினிலே" என்னும் பாரதியின் பாடல் வெளிப்படுத்துவது _____.

அ) தனிக்குடும்ப முறை ஆ) விரிந்த குடும்ப முறை

இ) தாய்வழிக் குடும்ப முறை ஈ) தந்தைவழிச் சமூக முறை

2. இவற்றை, வாயிலுக்கே சென்று இன்முகத்துடன் வரவேற்பாயாக என்று

ஜலாலுத்தீன் ருமி குறிப்பிடுவது யாது?

அ) வக்கிரம் ஆ) அவமானம் இ) வஞ்சனை ஈ) இவை அனைத்தையும்

3. 'அன்பும் அறமும்' - இச்சொல்லின் இலக்கணக்குறிப்பு, _____.

அ) எண்ணும்மை ஆ) உம்மைத்தொகை இ) பண்புத்தொகை

ஈ) வினைத்தொகை

4. அரங்கக்கோல் _____ கைவிரல் அளவு கொண்டது.

அ) இருபத்து மூன்று ஆ) இருபத்தாறு இ) இருபத்து நான்கு

ஈ) இருபத்தைந்து

5. வேறுபட்டதைக் குறிப்பிடுக, _____.

அ) அண்மைக் காட்சித்துணிப்பு ஆ) சேய்மைக் காட்சித் துணிப்பு

இ) நடுக்காட்சித் துணிப்பு ஈ) காட்சி மறைவு

6. தவறான இணையைத் தேர்க:

அ) விருத்தப்பா - நாலடியார்

ஆ) ஆசிரியப்பா - அகநானூறு

இ) கலிவெண்பா - தூது

ஈ) குறள் வெண்பா - திருக்குறள்

7. முருகன், _____ சென்றும் பேருந்தைப் பிடிக்க இயலவில்லை.

அ) வேகம் ஆ) வேகத்திற்குச் இ) வேகமாய்ச்

ஈ) வேகத்தால்

8. 'அதிசய மலர்' கவிதையை எழுதிய ஆசிரியர், _____.

அ) சாந்தாதத் ஆ) நகுலன் இ) இன்குலாப் ஈ) தமிழ்நதி

9. யானை புக்க புலம்போல — உவமைக்குப் பொருத்தமான தொடர் எது?

அ) தனக்குப் பயன்படும், பிறருக்குப் பயன்படாது

ஆ) தனக்கும் பயன்படாது, பிறருக்கும் பயன்படாது

இ) பிறருக்குப் பயன்படும், தனக்குப் பயன்படாது

ஈ) தனக்கும் பயன்படும், பிறருக்கும் பயன்படாது

10. 'சாவிமோசனம்', 'அகலிகை' ஆகிய கதைகளில் தொன்மங்களைப் பயன்படுத்தியவர், _____.

அ) கு.அழகிரிசாமி ஆ) புதுமைப்பித்தன் இ) ஜெயமோகன்

ஈ) எஸ்.இராமகிருஷ்ணன்

II. பின்வரும் வினாக்களுள் எவையேனும் மூன்றனுக்குக் குறுவிடை தருக: 3×2 = 6

11. நிலையாமை குறித்து, சுவரி உரைக்கும் கருத்து யாது?

12. ஞாலத்தின் பெரியது எது?

13. எண்வகை மெய்ப்பாடுகள் யாவை?

14. தொன்மம்-விளக்கம் தருக.

15. செவியறிவுறுஉ துறையை விளக்குக.

III. பின்வரும் வினாக்களுள் ஏதேனும் ஒன்றனுக்குச் சிறுவிடை தருக: 1×4 = 4

16. பண்டைய விரிந்த குடும்பத்தின் தொடர்ச்சியே இன்றைய கூட்டுக்குடும்பம் - விளக்கம் தருக.

17. வேளாண் மேலாண்மை குறித்து நீவிர் பரிந்துரைப்பனவற்றை எழுதுக.

IV. பின்வரும் வினாக்களுள் ஏதேனும் ஒன்றனுக்கு நெடுவிடை தருக: 1×6 = 6

18. மகாநடிகரைக் கண்ட பாலச்சந்திரனின் மனவோட்டத்தை நயத்துடன் எழுதுக.

19. பண்பின் படிமமாகப் படைக்கப்பட்ட இராமன், பிற உயிர்களுடன் கொண்டிருந்த உறவு நிலையைப் பாடப்பகுதி வழி நிறுவுக.

V. பின்வரும் மொழிப்பயிற்சிகளை நிறைவு செய்க:

20. கலைச்சொற்கள் தருக: 4×½ = 2

அ) Lobby ஆ) Sound Effect இ) Animation

ஈ) Teller

21. கீழ்க்காணும் நான்கு சொற்களைக் கொண்டு தொடர் எழுதுக: 2×1 = 2

அ) குழந்தை, நட, தளிர்நடை, விழு -

ஆ) விண்மீன், ஒளிர், எரி, விழு -

22. கீழ்க்காணும் சொற்களுள் ஏதேனும் ஒன்றனுக்குப் புணர்ச்சி விதி தருக:

அ) தலைக்கோல் ஆ) அருங்கானம் 1×2 = 2

23. வல்லின மெய்களை இட்டும் நீக்கியும் எழுதுக: 2×1 = 2

அ) மாணவர்கள் பெற்றோர்களை தமது நண்பர்களாக பாவித்து நட்புக்

கொள்ள வேண்டும்.

ஆ) என்னுடைய நம்பிக்கை முழுவதுமே புதியத் தலைமுறை மீதுதான்; அவர்கள் எல்லா பிரச்சினைகளையும் ஒரு சிங்கத்தை போல எதிர்கொண்டுத் தீர்ப்பார்கள்.

24. திருவளர்ச் செல்வன், திருவளர்செல்வன் - இவற்றில் சரியான தொடர் எது?

அதற்கான இலக்கண விதி யாது? 1×2 = 2

VI. அடிபிறழாமல் எழுதுக: 1×4 = 4

25. "துன்பு" எனத் தொடங்கும் கம்பராமாயணப்பாடலை அடிபிறழாமல் எழுதுக.

I. Choose the most appropriate synonyms of the underlined word

from the options given below: 16x½=8

1. We pulled three pairs of gloves.
 a) filled b) pretend c) fixed d) dragged

2.whether you may prefer Willcox to Wordsworth.
 a) prepaid b) transfer c) select d) favour

3. You may, being in a hurry and seeing your car

a) humble b) fury c) haste d) difficulty

Choose the most appropriate antonyms of the underlined word
 from the options given below:

4. The neighbours will remind me that my liberty will go away.
 a) freedom b) constraint c) liberal d) enjoy

5. I could please myself.
 a) peace b) happy c) irritate d) enjoy

6. We hoisted our 30lbs of oxygen gear on to our back.
 a) raised b) heaved c) lifted d) covered

Fill in the blanks with the suitable phrasal verbs:

7. We turned downwards and set off to the task of safely descending
 the ridge.

a) pass on b) hold on c) start a journey d) finish off

Choose the appropriate compound word for the given
 combination:

8. Verb + Noun
 a) cut down b) tax free c) stray dog d) watch dog

Use the correct form of tense to fill in the blanks:

9. If Mary had an umbrella, she _____ (lend) it to me.

Fill in the blanks with the correct infinitives:

10. The bear climbed up the tree ____ the honey.

Complete the following sentence using the correct article:

11. She has ____ little beard.
 a) an b) none c) a d) the

Complete the following sentences using appropriate determiners:

12. During my student life I used to give ____ trouble to my teacher.
 a) many b) much c) a lot off d) little

Choose the correct American English word for the given British
 English word:

13. A full stop should be marked after the end of every sentence.
 a) hypen b) period c) stop point d) end point

Choose the correct option and complete the sentences:

14. One of the machines _____ (is/are) defective.
 Identify the error in the sentence:

15. Many a student were awarded at the function.

16. Choose the word which is not British English:
 a) labour b) programme c) check d) grey

II. Read the following sets of poetic lines and answer the questions
 below: 9x1=9

A film the mother-eagle's eye
 when her bruised eaglet breathes”.

17. Who is compared to the mother eagle in the above line?

18. Explain the comparison: “We French stormed Ratisbon”.

19. Mention the figure of speech in the above line.

Michael Faraday and free imaginations
 Bringing changes into a world resenting change.

20. How does free imagination help the world?

21. Identify the figure of speech.

22. Bring out the meaning of the word ‘Resent’.

“To whom I leave the scepter and the ice-
 Were-loved of me, discerning to fulfill.

23. Who does Ulysses entrust his kingdom to in his absence?

24. Bring out the significance of the 'sceptre'.

25. Whom does the word 'T' refer to?

III. Explain (any one) with reference to the context of the following

lines: 1x3=3

26. 'I am become a name:

for always roaming

27. and guide him among sudden betrayal

and tighten him for slack moments.

28. Then off there flung in smiling joy,

And held himself erect.

IV. Do as directed: (any two) 2x2=4

29. This is the most challenging task I have ever undertaken

(Comparative degree)

30. I threw the pen. It was broken. (Compare the pair of sentences using participle)

Rewrite the following sentences using 'If' without changing the meaning:

31. you will not reach your goal, unless you chase your dream.

IV. A) Answer any two of the following briefly: 2x3=6

32. What did Hillary mean by saying 'we had enough to do the job, but by no means too much'?

33. Why should individual liberty be curtailed?

34. How would a reasonable person react when his actions affect other person's liberty?

B) Answer any one of the following in a paragraph of 100-150

words: 1x5=5

35. How did Hillary and Tenzing prepare themselves before they set off to the summit?

36. "Remember Caesar" is a light hearted comedy discuss the various aspects such as title plot and characterisation that contribute to the humour in the play.

37. The young soldier matched his emperor in courage and patriotism. Elucidate your answer.

V. Respond to the following advertisement: 1x5=5

38.

SITUATIONS VACANT

Wanted a Chief Accountant, with 5 years of Experience in the same field and with good Computer knowledge.

Eligible candidates can apply to:

MRM Company

14, Shadow Road,

Chennai-600 002.

I. Choose the correct answer: 10x1=10

1. On retirement of a partner from a partnership firm, accumulated profits and losses are distributed to the partners in the _____.
 - a. New profit sharing ratio
 - b. Old profit sharing ratio
 - c. Gaining ratio
 - d. Sacrificing ratio
2. On retirement of a partner, General Reserve is transferred to the _____.
 - a. Capital account of all the partners
 - b. Revaluation account
 - c. Capital account of the containing partners
 - d. Memorandum Revaluation Account
3. On Revaluation, the increase in liabilities leads to _____.
 - a. gain
 - b. loss
 - c. profit
 - d. none of these
4. A, B and C are partners sharing profits in the ratio of 4:2:3. C retires the new profit sharing ratio between A and B will be _____.
 - a. 4:3
 - b. 3:4
 - c. 2:1
 - d. 1:2
5. If the final amount due to a retiring partner is not paid immediately, it is transferred to _____.
 - a. Bank A/C
 - b. Retiring Partner's capital A/C
 - c. Retiring Partner's Loan A/c
 - d. Other Partner's Capital A/C
6. Current Ratio Indicates _____.
 - a. Ability to meet short term obligation
 - b. Efficiency of Management
 - c. Profitability
 - d. Long Term Solvency
7. Current Assets excluding inventory and prepaid expenses is called _____.
 - a. reserves
 - b. tangible assets
 - c. funds
 - d. quick assets
8. Current liabilities Rs.40,000; Current Assets Rs.1,00,000; Inventory Rs.20,000 quick ratio is _____.
 - a. 1:1
 - b. 2.5:1
 - c. 2:1
 - d. 1:2
9. Function key F11 is used for _____.
 - a. Company Features
 - b. Accounting Vouchers
 - c. Company Configuration
 - d. None of these

10. Salary Account comes under which of the following head?

- a. Direct incomes
- b. Direct expenses
- c. Indirect incomes
- d. Indirect expenses

II. Answer the following:

11. State any five accounting reports? (2 Marks)
 12. The credit revenue from operations of Vela Van Ltd., amount to Rs.10,00,000. Its debtors and Bills receivables at the end of the accounting period amounted to Rs.1,10,000 and Rs.1,40,000 respectively. Calculate trade receivables turnover ratio and also collection period in months. (3 Marks)
- III. Answer the following: 5x3=15
13. Calculate operating profit ratio under the following cases:
Case1: Revenue from operations Rs.8,00,000, operating profit Rs.2,00,000
Case 2: Revenue from operations Rs.20,00,000, operating cost Rs.14,00,000
Case 3: Revenue from operations Rs.10,00,000, Gross profit 25% on Revenue from operations, operating expenses Rs.1,00,000
 14. From the following statement of profit and loss of Dericston Ltd., Calculate (i) Gross Profit Ratio (ii) Net Profit Ratio

Particulars	Rs.
I. Revenue from operations	24,00,000
II. Other income:	
Income from investment :	<u>70,000</u>
III. Total Revenues (I+II)	<u>24,70,000</u>
IV. Expenses:	
Purchase of stock -in-trade	18,80,000
Changes in inventories	-80,000
Employee Benefits Expenses	2,90,000
Other Expenses	1,10,000
Provision for Tax	<u>30,000</u>
Total expenses	<u>22,30,000</u>
V. Profit for the year	<u>2,40,000</u>

15. Rani, Jaya and Rathi are partners sharing profits and losses in the ratio of 2:2:1. On 31.3.2018, Rathi retired from the partnership. Profit of the preceding years is as follows. 2014:Rs.10,000; 2015:Rs. 20,000; 2016:Rs.18,000 and 2017:Rs.32,000

Find out the shares of profit of Rathi for the year 2018 till the date of Retirement If

a. Profit is to be distributed on the basis of the previous year's profit.

b. Profit is to be distributed on the basis of the average profit of the past 4 years.

Also pass necessary journal entries by assuming partners capital and fluctuating.

IV. Answer the following: (any one) 10x1=10

16. Vijayan, Sudhan and Suman are partners who share profits and losses in their capital ratio. Their balance sheet as on 31.12.2018 is as follows:

Liabilities	Rs.	Rs.	Assets	Rs.
Capital Accounts:			Building	80,000
Vijayan	70,000		Stock	45,000
Sudhan	50,000		Debtors	25,000
Suman	30,000	1,50,000	Cash at Bank	20,000
General Reserve		18,000	Cash in hand	15,000
Creditors		<u>17,000</u>		
		1,85,000		1,85,000

Suman died on 31.3.2019. On the death of Suman, the following adjustments are made:

i) Building is to be valued at Rs.1,00,000

ii) Stock to be depreciated by Rs.5,000

iii) Goodwill of the firm is valued at Rs.36,000

iv) Share of profit from the closing of the last financial year to the date of death on the basis of the average of the three completed years' profit before death.

Profit for 2016, 2017 and 2018 were Rs.40,000, Rs.50,000 and Rs.30,000 respectively.

Prepare the necessary Ledger Accounts and the balance sheet immediately after the death of Suman.

17. From the following Balance sheet of James Ltd., as on 31.03.2019 calculate:

(i) Debt-equity ratio

(ii) Proprietary ratio

(iii) Capital gearing ratio

Balance Sheet of James Ltd., as on 31.03.2019

Particulars	Amount Rs.
I. Equity and Liabilities	
1. Shareholder's funds	
a. Share capital	
Equity share capital	2,50,000
6% preference share capital	2,00,000
b. Reserves and surplus	1,50,000
2. Non-current liabilities	
Long term borrowings (8% debentures)	3,00,000
3. Current liabilities	
Short-term borrowings from banks	2,00,000
Trade payables	1,00,000
Total	12,00,000
II. Assets	
1. Non-current Assets	
Fixed assets	8,00,000
2. Current assets	
a. Inventories	1,20,000
b. Trade receivables	2,65,000
c. Cash and cash equivalents	10,000
d. Other current assets	
Expenses paid in advance	<u>5,000</u>
Total	<u>12,00,000</u>

22.11.19 Comprehensive Revision Programme-2 Marks: 40
 Std: XII (D,E) FN Chemistry Time: 1.15 hrs

I. Choose the correct answer: 5x1=5

- Which of the following lanthanoid ions is diamagnetic?
 a) Eu^{2+} b) La^{3+} c) Ce^{2+} d) Sn^{2+}
- In acid medium, potassium permanganate oxidizes oxalic acid to _____.
 a) Oxalate b) Carbon dioxide c) acetate d) acetic acid
- Considering Ellingham diagram, which of the following metals can be used to reduce alumina?
 a) Fe b) Cu c) Mg d) Zn
- The incorrect statement among the following is
 a) Nickel is refined by Mond's process
 b) Titanium is refined by Van Arkel's process
 c) Zinc blende is concentrated by froth floatation
 d) In the metallurgy of gold, the metal is leached with dilute sodium chloride solution.
- Formula of tris(ethane-1, 2 diamine) iron (II) phosphate
 a) $[\text{Fe}(\text{CH}_3\text{-CH}(\text{NH}_2)_2)_3] (\text{PO}_4)_3$
 b) $[\text{Fe}(\text{H}_2\text{N-CH}_2\text{-CH}_2\text{-NH}_2)_3] (\text{PO}_4)$
 c) $[\text{Fe}(\text{H}_2\text{N-CH}_2\text{-CH}_2\text{-NH}_2)_3] (\text{PO}_4)_2$
 d) $[\text{Fe}(\text{H}_2\text{N-CH}_2\text{-CH}_2\text{-NH}_2)_3]_3 (\text{PO}_4)_2$

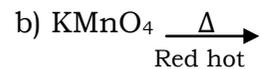
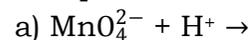
II. Answer any 5 of the following: 5x2=10

- Mention the limitations of Ellingham diagram.
- Explain the following terms with suitable examples:
 i) Gangue ii) Slag
- Write the IUPAC names for the following complexes:
 a) $\text{Na}_2[\text{Ni}(\text{EDTA})]$ ii) $[\text{Pt}(\text{NH}_3)_2\text{Cl}(\text{NO}_2)]$
- Classify the following ligand based on the number of donor atoms. a) en b) NH_3
- Which is more stable? Fe^{3+} (or) Fe^{2+}
- Which are transition elements?

III. Answer any 5 of the following:

5x3=15

12. Complete the following:



13. Compare lanthanides and actinides.

14. What is linkage isomerism? Explain with an example.

15. Based on VB theory explain why $(\text{Cr}(\text{NH}_3)_6)^{3+}$ is paramagnetic, while $(\text{Ni}(\text{CN})_4)^{2-}$ is diamagnetic.

16. Describe a method for refining nickel.

17. Give the uses of zinc.

IV. Answer any 2 in detail:

2x5=10

18. Explain the electrometallurgy of aluminium.

19. $(\text{Ni}(\text{CN})_4)^{2-}$ is diamagnetic, while $(\text{NiCl}_4)^{2-}$ is paramagnetic, explain using crystal field theory.

20. Describe the preparation of Potassium dichromate.

I. निम्नलिखित वैकल्पिक प्रश्नों के उत्तर लिखिए:- [3x3]

1. कृष्ण के प्रेम में रमने के बाद मनुष्य अधिक _____ हो जाते हैं। (क) भाग्यवान (ख) निर्मल

2. लौभी _____ होकर योग्य-अयोग्य का फरक नहीं जान सकता। (क) चतुर (ख) विवेकहीन

3. गोरजू बीच _____ लगाने थे।

(क) ननिबिशा (ख) धून-धूमरित

II. निम्नलिखित प्रश्नों के उत्तर लिखिए:- [2x2=4]

1. सुन्दरता का आधार क्या है?
अथवा

नाद का महत्व क्या है

2. बिहारी ने कृष्ण को ओझा का किसके साथ वर्णन क्या है?

अथवा

लौभ का चश्मा आँखों पर लगा लेने से मनुष्य कैसे अंधा होता है

III. संदर्भ सहित व्याख्य कीजिए:- [2x4=8]

1. सौहत ओटे पीत पट, स्याम सन्तौने जात।

सनौ तीलमनि सेल पर आनपु परयो प्रभाव ॥

अथवा

सौम मुकुट कटि काटनी, कर मुरली उर माल।

इहि बानक सो मन सदा, बसो बिहारी लाल ॥

2. जो शुद्ध उपयोगी तो नहीं कहे जा सकते पर उनके सुन्दर होने में नहीं। अथवा

शृंगार रस के लक्षण लिखिए।

IV. निम्नलिखित प्रश्न का उत्तर विस्तार से लिखिए:- [1x6=6]

1. आकाश-दीप कहानी का सारांश लिखिए।

V. कंठस्थ भण्ड:- [1x4=4]

1. बिहारी के कोई दो दोहे लिखिए

VI. निम्नलिखित प्रश्नों के उत्तर लिखिए:-

1. शुद्ध कीजिए:-

(क) लड़की तीन दिन के लिए बीमार थी।

(ख) तुम हिन्दी सीखने ज़रूरत है।

2. पारिभाषिक शब्दावली: (क) Column (ख) Affidavit [3x1=3]

3. पद परिचय:- (ग) Embassy [2x1=2]

(क) यदि राम पढ़े तो मैं उसे पुस्तक दूँगा।

(ख) काश! अब तक गाँधीजी जीवित होते।

VII. किन्हीं दो प्रश्नों के उत्तर लिखिए:- [2x4=8]

(क) श्लेष अलंकार का सौदाहरण लक्षण लिखिए।

अथवा

(ख) परि पत्र लिखिए।

अथवा

(ग) समाज सुधार के महत्व पर एक निबंध लिखिए।