2024
ENGLISH
Full Marks – 80
Time – 3 Hours

General Instructions:
(i)   *This question paper is divided into four sections - A, B, C and D.*
(ii)   *All the sections are compulsory. Answer all the questions.*
(iii)   *Write the number of the question before attempting it.*
(iv)   *Marks for each question are indicated against it.*

SECTION A : Reading (*10 marks*)

1.   Read the following passage carefully and answer the questions that follow :

Man's prime requirement is to be happy and free of tensions. A healthy mind goes hand in hand with a healthy body. The soul of a man may be daring and eager to work for righteousness and to fight evil within him and without. But, if the body is sick and weak, man cannot lead a strenuous life of self-sacrifice and service. Health ensures continuous joys of life. The man, who has passionate fondness for rational pursuits, seeks intellectual pleasures of the mind that makes him happy. To the man of pure conscience, faithful discharge of duty is pure happiness. Where the health of the body, peace of mind and joy of heart meet together, there is happiness. Sublime peace in the inner world of man is happiness and in the harmony of the body, mind and heart.

The source of happiness is within man, where the passions are calm and conflicting desires don't clamour for satisfaction, that is where you find happiness. Where wrinkles of sorrow don't ruffle the smooth surface of the heart and the heart is not bowed down by the unbearable weight of suffering, there is happiness.

Nowadays, we are assaulted by various sounds to hear, sights to see, odours to smell, and food to taste from all over the world and we are confronted with ideas, beliefs, concepts that are designed to sway our minds.

Religion, music, education, art and business, all are designed to grab our minds and convey a message that they want us to receive, accept and believe and as long as we live on earth, we are responsible before God as to what we receive, accept and believe.

It is up to us to filter out the garbage from settling in our minds. We need to find a place of peace and refuge from the world. We need to keep our minds focused on God, trusting in him.

1.1.   On the basis of your reading of the above passage, answer the following questions briefly :
                                                                                                          3x2=6
(a)   How does the author explain 'Sublime peace' in the inner world of man ?
(b)   According to the author, where can happiness be found ?
(c)   How are human beings assaulted and confronted these days ?

1.2.   Pick out the words/ phrases from the passage which mean the same as :   2x1=2

(a)   full of strain, tough

(b)   liking

1.3 Choose the most suitable antonym : 2x1=2

(a) Clamour

    (i) chaos   (ii) scream   (iii) peace   (iv) confusion

(b) Sublime

    (i) lofty   (ii) ordinary   (iii) supreme   (iv) bizarre

SECTION – B : Writing (*15 marks*)

2. (a) Your school, Hope School, Sairang is organising a poster writing competition on the topic 'Save the Environment' to spread awareness on the danger of the depletion of forests and exploitation of biodiversity at your school Main Hall. Design an attractive poster with a catchy slogan and appropriate title, giving other necessary details. (World limit : 50) 5

OR

(b) You are Peka, the class captain of class X, Grace High School, Khawnuam. The school is organising a debate competition for the students of class X. As the class captain, write a notice giving all relevant details for the upcoming debate competition. (World limit : 50) 5

3. You are Khumthanga, Chairman of the Local Council, Thuro locality. Write a letter of complaint to the Executive Engineer, P.H.E Department, Mizoram, regarding damage of water pipeline caused by a landslide which has resulted in shortage of water supply in your locality. (Word limit : 100 - 150) 10

SECTION – C : Grammar (*15 marks*)

4. Choose a suitable preposition to complete each sentence : 4x1=4
   (a) Pour the milk _____ the cup.
   (into/ on/ above/ at)
   (b) She must be ashamed _____ her folly.
   (for/ of/ at/ over)
   (c) He has invited us all _____ his birthday party.
   (for/ to/ at/ by)
   (d) He has been complaining _____ headache since morning.
   (of/ from/ off/ to)

5. Change the voice : 4x1=4
   (a) Peki is baking a cake.
   (b) The company will hire new workers.
   (c) He can speak seven languages.
   (d) The flowers have been sent by the girls.

6. Fill in the blanks with the correct simple tense form from the options given in the brackets. (Present/ Past/ Future) : 4x1=4
   (a) If he _____ of your marriage, he will be surprised. (hear/ is hearing/ hears/ heard)
   (b) She _____ for Shillong a week ago with her children. (leave/ leaving/ left/ leaves)
   (c) The Principal _____ to you after this period. (will speak/ speaks/ spoke/ is speaking)
   (d) He _____ tea every morning. (drink/ drinks/ will drink/ has drunk)

7. Change the statements from direct to indirect speech :   3x1=3

   (a) Mother says, "The cook is preparing food."
   (b) Kima said, "Why don't you come to our house on Monday ?"
   (c) The slave said, "Tom was hiding in a cave."

<div align="center">SECTION – D : Text book (<i>40 marks</i>)</div>

8.   Read the extract given below and answer the questions that follow :
    "Graham now summoned all his strength and replied forcefully. 'Die ? The hell I will !' "
   (a) Why was Graham nearly dying ?   2
   (b) What was the speaker's condition when he spoke these words ?   2

9.   'David's story is one of the most inspirational stories for young people of today's world.'
    Do you agree ? Give reasons to support your answer. (Word limit 50 - 75 words)   4

10.   Read the extract and answer the questions that follow :   2x2=4
    'He and his coach Lydiard decided on a new plan for these races.'
   (a) What was the new plan they decided on ?
   (b) Did the new plan bring immediate success ?

11.   (a) Based on the lesson, 'A Face on the Wall', what makes the stranger's story captivating ?
      (Word limit : 50-75 words)   4

<div align="center"><i>OR</i></div>

   (b) Wangari Maathai once said, "... If we really carry the burden, we are driven to action." Clarify why she was labelled 'a threat to the order and security of the country.' (Word limit : 50-75 words)   4

12.   (a) Bring out the contrast between the narrator's real life and his desire in the poem 'The Hero'. (Word limit : 50-75 words)   4
<div align="center"><i>OR</i></div>

   (b) What according to the poet decides our victory or failure in the poem, 'Be the Best'. (Word limit : 50-75 words)   4

13.   Read the extract and answer the questions that follow in one or two sentences only.
    'By thirty hills I hurry down,
    Or slip between the ridges,
    By twenty thorps, a little town,
    And half a hundred bridges.'
   (a) Who is 'I' in the above lines ?   1
   (b) What is its movement as it passes the hills and ridges ?   1
   (c) Thorps mean :   1
      (i) Villages   (ii) Valleys   (iii) Hills   (iv) Bridges

14. Read the extract given below and answer the questions that follow :

    "He mourns that day so soon has glided by ;
    E'en like the passage of an angel's tear,
    That falls through the clear ether silently."

    (a) Why does 'He' mourn the day ?   2

    (b) Ether means :   1

        (i) sky   (ii) air   (iii) cloud   (iv) rain

15. Read the extract given below and answer the questions that follow :

    (a) "I have not benefitted from Science !... I have also read somewhere that Science is a good friend - or is it a good servant ? No, no, it can't be a servant."

        (i) Who is the speaker ? Why does the speaker say that he has not benefitted from Science ?   2

        (ii) What does the speaker mean by 'No, no, it can't be a servant' ?   2

    ### OR

    (b) "Your servant seems to have recovered. Did you say you left him in a chair ? Which chair ?"

        (i) Who is the servant ? In which chair had he been left ?   2

        (ii) Why did the servant choose that chair ?   2

16. (a) In the lesson, 'The Merchant of Venice', why does Shylock agree to lend money to Antonio ? (Word limit : 50-75 words)   4

    ### OR

    (b) How was the painting of the ox in the morning room a turning point in Eshley's artistic life ? (Word limit : 50-75 words)   4

17. (a) The word that Helen remembered even after she became ill was _____ .   1

        (i) doll   (ii) baby   (iii) water   (iv) tea

    (b) In the story, 'The Merchant of Venice', Bassanio's closest friend was _____ .   1

        (i) Portia   (ii) Shylock   (iii) Jessica   (iv) Antonio

18. (a) In contrast to the human behaviour mentioned in 'The Paper Plague', evaluate how humanity still exists in human nature during crisis. (Word limit : 50-75 words)   4

    ### OR

    (b) The narrator of the story 'The Corner Shop' believed in honesty. Analyse how honesty helps in building a healthy relationship with others in life. (Word limit : 50-75 words)
       4

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2024
MIZO
Full Marks - 80
Time - 3 Hours

Hriat turte:

(i)   Zawhna zawng zawng hi chhan ngei ngei tur a ni.

(ii)   Zawhna tin mark put zât chu a zawnah tarlan zêl a ni.

(iii)   Chhan dawnin zawhna nambar ziak zêl tur a ni.

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ṬHEN KHATNA - HLA (*18 Marks*)

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1.   A dik zawk hmangin dah khat rawh :   4x1=4

(a)   Theih chang se a _____ hi han zuiin. (sulhnu/ hniak)

(b)   Nang lo chu thinlai _____ an awm lo. (luahtu/ hnemtu)

(c)   Nu pakhat fate hi hla thuin _____ a ni. (chhul khat kual/ unau za)

(d)   Chhaka vul _____ par i iang reng kha. (Senhri/ Chhawkhlei)

2.   (a)   A hnuaia hla thu hi Mizo ṭawng tluang pangngaiin dah rawh :   2

Chuti ang tuar huam ve'ng nakinah,

Rin kai lo tê hian rêng hum luah ve nan.

(b)   Pu C. Chhuanvawra hla 'Zofate inpumkhatna' behchhanin Zofate kan inpumkhat theihna tura pawimawh i tih te han sawi teh.   2

(c)   'Awmhar niin ka chuan ang' tih hla i zir aṭangin he khawvel aia chatuan hmun nawm zawkna tur nia i hriat kawng *hnih* han sawi teh.   2

3.   A hnuaia hla thu hi a ṭobula chhuiin hrilhfiah rawh :   3

Rangkachak thianghlim leh a hmun ropui chu,

Hrehawmah pawh ṭhingṭhi talin ka thlir ang.

4.   'Zo bawmtu chhawkhlei par' phuahtu H. Lalringa'n Chhawkhlei par kha eng chen nge vul se a duh sawi la, a duh chhan sawi bawk ang che. He hlain Chhawkhlei par a sawi mawi thiamzia a hla behchhanin han sawi teh.   1+1+3=5

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ṬHEN HNIHNA - THU (*18 marks*)

5. Kualkhung chhunga a dik zawk zelin chhang ang che :   4x1=4
    (a)   Mi (nunrawng/ rawngra) an dam rei ngai lo.
    (b) Bengkhuaia'n Mary Winchester a man kum chu (1870/ 1871/ 1872).
    (c) Theihtawp chhuah la chuan tih khan min siam puitling a ni tih sawitu chu (Jimmy Carter/ Hellen Keller) a ni.
    (d) Hring dup thu ep chu (Ro rup/ Châr) a ni.

6. Shan history aṭanga chhuiin kan pi puten kawlphai an chhuahsan hun kha AD engzat vel nge ? Kawlphaia kan pi pute an awm laia rorelna fel tak a awm loh avanga Mizoten kan tuar zui tak nia i hriat han sawi teh.   1+2=3

7. Khawiah nge Zawlbuk an sak ṭhin ? Zawlbuk sak nan eng hmanruate nge an hman ṭhin ?   1+2=3

8. HIV/AIDS darh zel tur venna atan zirlaiten eng nge tih theih an neih nia i hriat kawng *thum (3)* han sawi teh.   3

9. 'Ṭhalaite Khawvel'tih ziaktuin a zinna aṭanga ṭhalai ṭheuh ṭheuh an in an lohna a hmuh kha han sawi la, America nula leh tlangvalte incheina kan lak ruala lak tel ve atan a duh kha eng thilte nge han sawi teh.   3+2=5

ṬHEN THUMNA - GRAMMAR (*12 marks*)

10. Kualkhung chhunga zawhna ang zel hian chhang rawh :   2x1=2
    (a) Puipunnaah _____ suh. (Double Verb hmangin dah khat rawh.)
    (b) Awi a va pawi ve. (A hmun dik takah makna chhinchhiahna dah rawh.)

11. (a) Conjuction awmzia sawi la, a tichiang turin thu phuah ang che.   1+1=2

    (b) 'Sairang' hi Noun leh Adjective-a hmangin thu han phuah teh.   1+1=2

12. A dik ber thlang rawh :   2x1=2
    (a) Suar khata tla tih hi a awmzia chu _____ a ni. (Kal ho/ Duh dan thuhmun/ In ang ṭhap)
    (b) Thil la chiang lo hi ṭawng upain _____ a ni. (A phuk a phak hre lo/ Uipui tuilian thlir/ A rana rana lo)

13. A kar awlte hi ṭawngkam dik zawkin dah khat rawh: 2x1=2
    (a) Kawng chhukah ka tawlh _____. (tlu/ thlu)
    (b) H.S.L.C exam ka _____ mek. (bei/ pe)

14. Mizo ṭawng ziak dan dik zawk thlang rawh :   2x1=2
    (a) _____ i kal tawh em ? (Rih dil/ Rihdil)
    (b) I _____ hian i siamtu hre reng rawh. (vanglai/ vang lai)

ṬHEN LINA - LEMCHAN (*6 marks*)

15. Kualkhung chhunga a dik ber hmangin a kar âwlte hi dah khat rawh :   3x1=3

    (a) Rothangliana chu Aizawl Pa hausa _____ fapa a ni. (Liandawla/ Lungliana/ Sumsanga)

    (b) Hrilmawii'n Nghakliana luah _____ in a chhu. (thingtum/ tuboh/ lung tum)

    (c) 'Ka lawm e, mi i _____ tak tak a nih chuan ka lawm e.' (duh/ ngai/ thlir)

16. Lemchan (Drama) 'Sual man thihna' kha a thupui leh a bu chhunga thil thlen dan kha inhmeh i ti em ? I tih chhan emaw tih loh chhan emaw tawi fel takin han sawi teh.   3

ṬHEN NGANA - THAWNTHU TAWI (*5 marks*)

17. A kar âwlte hi kualkhung chhunga a dik ber hmangin dah khat rawh :   2x1=2
    (a) Pasalṭha Kapkima ruang chu _____ (pathlangah/ khumah/ chhuatah) an zalh a.
    (b) Sai sa chu _____ tiat tiatin an chan a, an rep tuar a. (pawnpui/ kuttum/ lungthu)

18. Tualte khuaa khawnbawl upa fa sen hlamzuiha a thih khan zualkote kha engtianga thu va sawi turin nge an chah ?   3

ṬHEN RUKNA - CHHIAR (*5 marks*)

19. A hnuaia thu hi ngun takin chhiar la, a thu behchhanin a tawpa zawhnate hi chhang ang che :

    Social Media chungchang hi i zir chiang teh ang. Khawvel hmasawnna ṭhang chak tak hian min kal kân bik si lova, kan tu leh fate pawhin a nih ang angin an lo dawngsawng ve miah miah chu a ni mai si a. Kum zabi 20-na hi khawvel thil inthlakthleng nasat ber hun niin an sawi hial a ni. Hmasawnna nasa takin a ṭhang a, thil thar a chhuak zung zung a, chu chuan nunphung, incheina, ngaihsan zawng, ṭawngkam hman dan leh khawsak phung thlengin a rawn thlak danglam dawrh a ni. Heng thil chi hrang hrang tuar nasa berte chu ṭhalaite an ni. Chuvangin, Europe khawmualpuiah chuan 'Chhuan bo pil' (Lost generation) tih ṭawngkam hi a lo lang ta a ni.

    U.S.A mipui kum 18 - 29 hi social media hmang nasa ber an ni a, kum 30 - 39 ten an dawt a, kum 16- 19 hi pathumna an ni. Synod Campus Ministry in kum 10 - 20 inkar a zir chian naah chuan 64.6% ten an school kal baka hun tam ber an hmanna chu mobile phone khawih a ni. Chung zingah chuan Instagram khawih 36.3% an ni a, Whatsapp khawih hi 21.7% an ni. Ni 09.02.2023-a khawvel huap Family Science lam buaipuitu New York-a inhmukhawmte lû tihaitu ber chu chin lem nei lova naupang ten phone/social media an khawih bawk hi a ni.

    Hetiang taka hmangtu leh ngainatu an tam chuan hman sual hlauhawm tak a ni, hman thiam a, hman fuh erawh chuan thil ṭangkai tak an ni ngei dawn a ni. Social media hian a hmangtute chu khawvel tharah a hruai lut a, a hruai luhna khawvel hi eng khawvel nge tih hrethiam lo tan chuan chhiat vekna a ni thei. Mizo kristiante zingah ngei pawh nupa inkar buai phahte, chhungkaw inlaichinna chhiat phahte, mimal nun tihchhiat phah vekte pawh kan lo awm ta a, a pawi em em a ni. Ṭhenkhat ten lehkha zir nan, sumdawn nan ṭangkai takin an hmang thung a, a ṭangkai em em a ni.

Zawhnate:

(a) Hmasawnna ṭhang chak lutukin a nghawng nasat leh a tuar nasa ber te chu _____ an ni. 1

(b) Social media-in thil ṭha lo a ken tel theihte chu : 1

    A. Nupa inkar a tibuai   B. Kristianna a tidal

    C. Chhungkaw inlaichinna a tichhia   D. Mimal nun a tichhia

    A chhanna dik ber thlang rawh :

    i) B   ii) A leh B   iii) A, B leh C   iv) A, C leh D

(c) Kum zabi 20-na in a huam chin chu _____ aṭanga 31.12.2000 a ni. 1

(d) 'Chhuan bo pil' tih ṭawngkam lo lan chhan kha eng nge han sawi teh. 2

ṬHEN SARIHNA - ZIAK (*8 marks*)

20. A hnuaia thupui *i duh zawk zawk* hmang hian thumal 200-250 vel hmangin Essay han ziak teh : 5

    (a)   Tlawmngaihna.

    (b)   Hnam inpumkhatna.

21. Khawnuam High School Eco Club Secretary, Dinpuii i ni a, ruah sur nasa tak avangin in sikul kalkawngah lei a min a, a min belh zel tur ven nana khuhna tur silpaulin dilna Deputy Commissioner, Aizawl hnena thehluh tur han ziak teh. 3

ṬHEN RIATNA - RAPID READER (*8 marks*)

22. Khawnglung runtu ten Sailo Lalnu that lova khua thlenpui ngei an tumna chhan kawng *hnih* han sawi teh. 1+1=2

23. Pasalṭha Chhannawna'n an ina a luhpui dawn laia Thangi hreh lutuk khan a rilruin eng nge a ngaihtuah ? 3

24. Khawnglung khuain Chapchar Kût ni an hman dan tlangpui kha han sawi teh. 3

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2024

ALTERNATIVE ENGLISH

Full Marks – 80

Time – 3 Hours

General Instructions:

(i)   *This question paper is divided into four sections - A, B, C and D.*

(ii)   *All the sections are compulsory. Answer all the questions.*

(iii)   *Write the number of the question before attempting it.*

(iv)   *Figures in the margin indicate marks.*

SECTION - A (*25 marks*)

GRAMMAR AND COMPOSITION

1.   Identify the parts of speech of the underlined words in the following sentences :   5x1=5

(a)   <u>Bravo</u> ! March forward and keep the success forward. (preposition/ interjection)

(b)   You do not write <u>legibly</u>. (adjective/ adverb)

(c)   Lily <u>talked</u> excitedly about the trip. (adverb/ verb)

(d)   Are you going to the <u>beach</u> tomorrow ? (verb/ noun)

(e)   He is a <u>generous</u> man. (adverb/ adjective)

2.   Punctuate the following :   6x½=3

      i have read discovery of india

3.   Make sentences using the following idioms and phrases to bring out their meanings: 5x1=5

(a)   high and low

(b)   an open secret

(c)   green with envy

(d)   on cloud nine

(e)   to cut corners

4.   Write an essay on *any one* of the topics in about 120-150 words: 6

(a)   Impact of Social Networking on students.

OR

(b)   Importance of English Language.

5. Write a précis of the following passage. Give a suitable title. 6

    Volunteering is a rewarding experience that benefits both individuals and society. By dedicating time to a cause or organization, volunteers contribute to the betterment of their community. Volunteering also offers numerous personal advantages. It provides an opportunity for personal growth by developing skills, enhancing self-confidence and building a sense of purpose and fulfillment. By working with a diverse group of people, volunteers also gain a broader perspective and understanding of different cultures and backgrounds.

    Additionally, volunteering can improve mental health by reducing feelings of loneliness and isolation, as it facilitates social connections and the formation of new friendships. On a societal level, volunteers play a crucial role in addressing societal issues and filling gaps in services that governments may be unable to provide. Therefore, volunteering is a win-win situation, positively impacting individuals and society.

SECTION - B (*20 marks*)
POETRY

6. Read the extract given below and answer the questions that follow: 3x1=3

"The wind had no more strength than this,

That leisurely it blew,

To make one leaf the next to kiss

That closely by it grew."

  (a) The poet is -
    (i) John Keats   (ii) Lord Byron
    (iii) Michael Drayton   (iv) Joseph Campbell

  (b) The wind was blowing -
    (i) gently   (ii) strongly
    (iii) loudly   (iv) hardly

  (c) The leaves -
    (i) fell on the ground   (ii) touched each other
    (iii) kissed the wind   (iv) moved vigorously

7. Read the extract given below and answer the questions that follow:

"He did not feel the driver's whip,

    Nor the burning heat of day;

For Death had illumined the Land of Sleep,

    And his lifeless body lay

A worn-out fetter, that the soul

    Had broken and thrown away!"

  (a) Name the poem and the poet. 1+1=2
  (b) Explain the above lines. 3

8. Write the substance of the following: 4

> "And there's another country I've heard of long ago -
> Most dear to them that love her, most great to them that know -
> We may not count her armies; we may not see her King -
> Her fortress is a faithful heart, her pride is suffering -"

9. Answer *any four* of the following questions :   4x2=8
    (a) How does the poet compare the enjoyment of cycling downhill and the flight of a bird ?
    (b) Mention *any two* things recollected by Thomas Hood in the poem 'I Remember, I Remember'.
    (c) How does the poet describe the beauty of the old woman ?
    (d) Elaborate on how the poet vows to love his country in the poem "I Vow to Thee My Country".
    (e) Describe the thoughts of the lady in the poem 'She Walks in Beauty'.

SECTION - C (*25 marks*)
PROSE

10. Read the extract given below and answer the questions that follow: 4x1=4
    "So you did think of us after so long!"
    (a) The extract is taken from -
        (i) Leo Tolstoy   (ii) A Shot in the Dark
        (iii) The Muscular Son-in-law   (iv) The Happy Prince
    (b) The speaker is -
        (i) Lily   (ii) Kunjabala
        (iii) Nalini's wife   (iv) A young woman
    (c) The speaker said the above line to -
        (i) Surat   (ii) Nalini
        (iii) Ramsharan   (iv) Kedar Babu
    (d) The author is -
        (i) Hilaire Belloc   (ii) Oscar Wilde
        (iii) Ronald Seth   (iv) Prabhat K. Mukhopadhyay

11. Read the extract given below and answer the questions that follow: 4x1=4
    "Not only can an examination of such misfortunes save others from their like, but it can even help normal people to a better life."
    (a) The extract is taken from -
        (i) Illnesses that Make Us Healthier   (ii) The Muscular Son-in-law
        (iii) The Happy Prince   (iv) The Advantages of Having One Leg

    (b) The author is -
        (i) Oscar Wilde   (ii) J.B.S Haldane
        (iii) Ronald Seth   (iv) Hilaire Belloc

(c) 'Save others from their like' means -
   (i) Among many like them
   (ii) Prevent others from suffering from similar problems
   (iii) To set apart from others
   (iv) Stop others from liking them

(d) What are the misfortunes mentioned in the lesson ?
   (i) Sickness, madness and premature death
   (ii) Sickness, accidents and premature death
   (iii) Sickness, madness and insanity
   (iv) Sickness, insanity and premature death

12. Answer *any one* of the following in about 100-120 words: 6
   (a) "To appreciate anything, we must always isolate it." Elaborate.

<div align="center">

OR

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   (b) Narrate how Jim Corbett killed the man-eater.

13. Answer the following questions in about 50-75 words:
   (a) According to Hilaire Belloc, why had some people lost the love of fame ?   3
   (b) Describe the circumstances under which the swallow died.   3

14. (a) According to G.K Chesterton, what are the innumerable accidental limitations that are always falling across our path ?   2
   (b) Why was Tolstoy's appearance a disappointment to himself and his admirers ?   3

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SECTION -D (*10 Marks*)
RAPID READER

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15. Answer *any three* of the following in about 20-30 words: 3x2=6
   (a) What happened while David and Peggotty were away at Yarmouth ?
   (b) What conclusion can be drawn from Miss Betsey's reaction when David was born ?
   (c) What was Mr. Barkis' message to Peggotty ?
   (d) How did Ham die ?

16. Write a brief character sketch of David Copperfield in about 40-50 words.   4

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2024
NEPALI
Full Marks - 80
Time - 3 Hours

General Instructions :
(i)   *All questions are compulsory.*
(ii)   *Figures in the margin indicate marks.*
(iii) *Write your answers neatly and legibly.*
(iv) *While attemping a question, write the question number as given in the question paper.*

खण्ड – 'क' (पठन)

1. तलका गद्यांश पढ़ेर त्यसको मुनि दिइएको प्रश्नहरुको उत्तर सरल भाषामा लेख

सदाचार शब्द सत र आचार शब्दको योगफल हो । यो संस्कृत शब्द हो र यसको अर्थ असल व्यवहार हो । सदाचारमा ती सबै गुणहरु समावेश भएका हुन्छन, जसले मानिसलाई एक सफल मानिस झैं बाँच्न सिखाउँछ । सदाचारी बनेर जो एक सफल मानिस झैं भएर बाँच्न सक्छ उसैको जीवनलाई सार्थक मानिन्छ ।

सदाचारी मानिस सत्यवादी, धर्मी, निराभिमानी, सन्तोषी र उपकारी हुन्छन । उ सदा पराईको कल्याणमा अग्रसर रहन्छन । पराईको दु:खमा उ समवेदना प्रकट गर्छ विपतमा सहयोग गर्छ अनि सुख र सफलता सुखी हुन्छ । सदाचारी हुनुको अर्को प्रतिशब्द चरित्रवान हुनु हो । चरित्र निर्माणमा सदाचारको प्रमुख स्थान छ । सदाचारी बन्नका निम्ति शिशुकालदेखिनै हामिले सुव्यवहार, सुबोली, सुकर्म गर्ने बानी बसाउनु पर्छ । सानैदेखि असल मानिसहरुको संसर्गगर्दै जानु पर्छ उनीहरुको अर्ती-उपदेशको पालन गर्नुपर्छ । मानिसले कहिले कहि भुल गर्छ यो स्वभाविक हो अनि संयोगवश कुनै कुकार्य भई गएमा पश्चाताप गर्नुपर्छ फेरी यस्तै भुल कहिले नदोहराउने प्रण गर्नु पर्छ । यसको विपरित दुराचारी मानिस सदासर्वदा अरुको कुभलो मात्र चाहनेहुन्छ उसले न आफु सुखपूर्वक जीवन बिताउन सक्छ न अरुलाई नै शान्तिसित जीउन दिन्छ । यसोहुँदा उसलाई न बाँच्नुन्जेल कसैले रुचाउँछ न मरेपछि कसैले सम्झन्छ सबको घृणा र तिरस्कार पाउँछ ।

(क)   सदाचार मानिस _____ हुन्छन ।   1

(ख)   सदाचारी हुनुको अर्को प्रतिशब्द _____ हुनु हो ।   1

(ग)   सदाचारी मानिस सदा पराईको _____ अग्रसर रहन्छन ।   1

(घ)   दुराचारी मानिस सदासर्वदा अरुको_____ चाहन्छन ।   1

(ङ)   दुराचारी मानिस कहिल्यै आफु _____ जीवन बिताउन सक्दैन ।   1

(च)   सदाचार शब्दको अर्थ के हो ?   1

छ)   सदाचारी बन्नका निम्ति हामिले के कुराहरुको पालन गर्नु पर्छ   2

खण्ड –'ख' (व्याकरण र रचना)

2. सही उत्तर छानेर लेख   3×1=3

(क)   घाममा सुकाउनका निम्ति फिजाइएको अन्न । (धान /बिस्कुन)

(ख)   भरी को विपरीतार्थक शब्द ।(दान/ रित्तो)

(ग)   चाँडो को पर्यायवाची शब्द (शीघ्र / खूब)

3. खाली ठाँउ भरेर उखानहरु पूरा गर: 3×1=3

   (क)   आफु नमरी _____ देखिदैन (स्वर्ग/ मृत्यु)

   (ख)   आँ गर्दा _____ बुझिनु। (कुरा / अलंकार)

   (ग)   जसको शक्ति उसको _____ । (भक्ति /उक्ति)

4. तलका कुनै एक अनेकार्थशब्द चलाएर भिन्दा-भिन्दै अर्थ निस्कने गरी वाक्य रचना गर   3

   (क)   वर   (ख)   पर्दा

5. तलका कुनै दुई वाग्धारा प्रयोग गरी अर्थ स्पष्ट हुने गरी वाक्य रचना गर: 2

   (क)   डाडाको घाम हुनु।

   (ख)   इलमी हुनु।

   (ग)   ठाडो पुच्छर लाउनु।

   (घ)   थला पर्नु।

6. तलका कुनै दुईको सार शब्द लेख   2

   (क)   जन्म-मरणको बन्धनदेखि मुक्त भएको।

   (ख)   जसले देशका निम्ति बलिदान गरेको छ।

   (ग)   समाजको जेठोबाठो व्यक्ति।

7. तलका कुनै एक जोडी भिन्नार्थक शाब्दको भिन्दा-भिन्दै अर्थ बुझाउनु दुई वाक्य रचना गर :   2

   (क)   उपकार   (ख)   अन्न   (ग)   दिन

         उपचार   अन्य   दीन

8. सम्झ तिमी प्रकाश कुमार आइजोल मिजौराममा बस्ने भरखरै इंजीनियरिङमा बी॰ ई॰ सिध्याएको युवक हौ । माँडन सोफ्टवेयर् दिल्लीमा 15 जना सोफ्टवेयर इंजीनियरको पद रिक्त भएको कुरा 'द टाइम्स अफ इण्डिया' पत्रिकामा पढयौ । यो पदको लागी आफुलाई एक उम्मेदवार बताउदै एउटा अर्जीपत्र लेख   6

9. कुनै एक विषयमा लगभग 200 शब्दको निबन्ध रचना गर :   6

   (क)   जीवनमा अनुशासनको महत्व

         (रुपरेखा : भूमिका – परिभाषा – आवश्यकता र सुयोग– अभ्यास क्षेत्रउन्नतिको आधार – उपसंहार)

   (ख)   पुस्तकालय

         (रुपरेखा भूमिका - के हो– कति प्रकारको हुछ – लाभ – उपसंहार)

खण्ड –'ग' (साहित्य)

10. तल दिएका प्रश्नहरुको एक-एक वाक्यमा उत्तर लेख   6×1 =6

   (क)   रनेको स्वास्नीको नाउँ के थियो

   (ख)   उद्भिदबाट कस्तो शिक्षा प्राप्त गर्न सकिन्छ?

   (ग)   पारसमणि प्रधानको माता-पिताको नाम के थियो?

   (घ)   गान्धीलाई मन पर्ने वस्तुहरु के के हुन्?

   (ङ)   पत्रिकामा किन आलु-आलु लगाइएको थियो ?

   (च)   चर्खा के हो?

11. सही शब्द छानी रित्तो ठाँउ पूर्ण गरः   2×1=2

   (क)   लाहुेको कोठाबाट हत्यारो_____ ।   (स ुँइकुच्चा ठोक्यो / कुलेलम ठोक्यो)

   (ख)   पारसमणि प्रधानले हाई स्कूलको परीक्षा _____ माध्यमबाट पास गर्नु भयो ।(हिन्दी / नेपाली)

12. नेपाली भाषा साहित्यको श्रीवृद्धि र समृद्धिको निम्ति योगदान दिने महान विभूतिहरुको नाम लेख?   2

13. (क)   लाहुेलाई कसले र किन हत्या गरेको थियो   4

<div align="center">अथवा</div>

   (ख)   शिक्षित मानिसले कसरी समाजको परिवेशलाई सुन्दर पार्छ?   4

14. नेपालीसाहित्यमा पाठ्यपुस्तकको कमीलाई पारसमणि प्रधानले कसरी पूरा गर्नुभयो? वर्णन गर ।   6

15. तलका वाक्यांशहरुको अर्थ सरल भाषामा लेख   3×1=3

   (क)   सुहृदय (आमा)

   (ख)   अपठित (भानुभक्तप्रति)

   (ग)   अहिंसा (एउटा नयाँविश्व जन्माउन लगाउँछु)

16. "भानुभक्तप्रति" कविता कसले लेखेका छन् ?   1

17. कवि किन भानुभक्तलाई अमृत-जिह्वा भन्छन् ?   2

18. कविले कसरी आमालाई ईश्वरसँगत ुलना गरेका छन् ?   3

19. कुनैएकको सप्रसंग व्याख्या गर: 4

    (क)   बुद्धको अष्टमार्गैबिछ्याइदिन
            यीशुको प्रेमत्यागको पाठ पढाउन
            रामकृष्णको सर्वधर्म एकको पाठ पढाउन
            मैले एउटा अलग धर्म सृजना गर्ने अठोट गरेको छु ।

<div align="center">**अथवा**</div>

    (ख)   हाम्रो यो शिर झुक्छ त्यो चरणमा तिम्रै मुटुमा थियो
            तिम्रै आशिषले अलम्म्छ यँहा प ुग्ने त्यही कैँ यो ॥

20. निबन्धकारलाई सबैभन्दा धैर्सैनपर्नेवस्त ुकेहो ?   4

21. त बाबु टोक्नेभन्दा ज्ञानीलाई कस्तो लाग्यो ? यसपछि उसमा कस्तो भाव देखियो? पाठको आधारमा वर्णन्गर ।   4

22. अल्झेकोइच्छा भन्दा केब ुझिन्छ ? डाक्टर र इञ्जिनीयरमा केकेक ुराको भिन्नना छ ।   4

————————

2024
HINDI
Full Marks - 80
Time - 3 Hours

General Instructions :
(i)   All questions are compulsory.
(ii)   Figures in the margin indicate marks.
(iii)   Write your answers neatly and legibly.
(iv)   While attemping a question, write the question number as given in the question paper.

खण्ड – 'क'

1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढकर नीचे दिए गए प्रश्नों के उत्तर दीजिए

सामाजिक समानता का अभिप्राय है कि सामाजिक क्षेत्र में जाति,धर्म व्यवसाय, रंग आदि के आधार पर किसी प्रकार का भेदभाव न किया जाए। सबको समान समझा जाए और सबको समान सुविधाएँ दी जाएँ। हमारे देश में सामाजिक समानता का अभाव है। जाति प्रथा के कारण करोड़ों व्यक्ति समाज में अछूत के रुप में रहते हैं। उन्हें समाज में बहिस्कृत समझा जाता है और सामाजिक अधिकारों से वंचित कर दिया गया है। हमारे समाज में लड़कियों के साथ भी भेदभाव बरता जाता है। माता-पिता भी उन्हें वे सुविधाएँ नहीं देते जो वे अपने लड़कों को देते हैं। इस प्रकार की असमानता से बहुत-सी लड़कियों का शारीरिक और मानसिक विकास सुचारु रुप से नहीं हो पाता। इससे समाज की उन्नति में बाधा पड़ती है। इस प्रकार की असमानता का दूर होना आवश्यक है। नागरिक समता का अर्थ है कि राज्य में नागरिकों को समान अधिकार प्राप्त हों। कानून और न्यायालयों में गरीब-अमीर और ऊँच-नीच का कोई भेद न किया जाए। दंड से कोई अपराधी बच न सके। उसी प्रकार राज्य के प्रत्येक नागरिकों को राज्य कार्य में समान रुप से भाग लेने, मत देने, सरकारी नौकरी प्राप्त करने का तथा राज्य के ऊँचे-ऊँचे पद को अपनी योग्यता के बल पर प्राप्त करने का अधिकार राजनितिक समानता का द्योतक है।

(क) सामाजिक समानता से क्या अभिप्राय है   1

(ख) हमारे देश में सामाजिक असमानता किस रुप में हैं   1

(ग) नागरिक समानता से क्या अभिप्राय है   1

(घ) लड़कियों का शारीरिक और मानसिक विकास सुचारु रुप से क्यों नहीं हो पाता?   1

(ङ) राजनीतिक समानता किसे कहते है   1

(च) इस गद्यांश का उचित शीर्षक दीजिए।   1

2. निम्नलिखित गद्यांश को ध्यानपूर्वक पढकर नीचे दिए गए प्रश्नों के उत्तर दीजिए

किसी से कुछ पाने की इच्छा रखना ही मनुष्य के दुख का कारण है। जब तक पाने की इच्छा विद्यमान् है तब तक उसे सच्चे सुख की प्राप्ति होना असंभव है। वस्तुत: सच्चा सुख किसी से कुछ पाने में नहीं वरन् देने में है। जिस प्रकार अंगूर की सार्थकता अपने तमाम रस को निचोड़कर दूसरों के लिए देने में है, उसी प्रकार मनुष्य-जीवन की सार्थकता अपनी संपूर्ण क्षमताओं, योग्यताओं और समृद्धि को दूसरों के लिए अर्पित कर देने में है।

(क) मनुष्य के दुख का क्या कारण है और सच्चा सुख कैसे प्राप्त किया जा सकता है   2

(ख) मनुष्य-जीवन की सार्थकता किसमें है   2

खण्ड – 'ख'

3. (क) खेलकूद की उपयुक्त सामग्री की कमी की ओर ध्यान दिलाते हुए प्रधानाचार्य को आवेदन पत्र लिखिए।   6

अथवा

(ख) अपने पिताजी को पत्र लिखकर सूचित कीजिए कि वार्षिक परीक्षा में आपके प्रश्नपत्र कैसे हुए हैं?   6

4. दिए गए संकेतबिन्दुओं के आधार पर लगभग 100 शब्दों में किसी एक विषय पर अनुच्छेद लिखिए   6

(क) पुस्तकों का महत्व

(पुस्तकों का लाभ – साहित्य-उन्नति, साहित्य प्रेरणा का श्रोत – पुस्तकें अस्त्र व मित्र)

(ख) शिक्षक – दिवस

(मनाने का कारण – समाज में शिक्षक की भूमिका – शिक्षक-दिवस का महत्व)

(ग) क्रिकेट और भारत

(भारत में क्रिकेट का दीवानापन करोड़ों – अरबों का बजट – सर्वाधिक दर्शक और श्रोता)

खण्ड – 'ग'

5. (क) शब्द और पद में क्या अंतर है?   1

(ख) रेखांकित पदबंध का प्रकार बताइए।   1

<u>दिन-रात पढ़ने वाले बालक</u> सदा पास होते हैं।

6. निर्देशानुसार उत्तर दीजिए :   2

(क) मालिक ने कहा कि कल छुट्टी रहेगी।

(सरल वाक्य में बदलिए)

(ख) आप अभी यहीं हैं और वे चले गए।

(वाक्य का प्रकार बताइए)

7. (क) संधि बनाइए   2×1=2

अति + अधिक,   जगत + नाथ

(ख) निम्नलिखित समासों का विग्रह कीजिए और समास भेद भी लिखिए   2×1=2

देशभक्ति   गंगा-यमुना

8. (क) निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए   2×1=2

हक्का-बक्का रह जाना,   पत्थर की लकीर

(ख) इन लोकोक्तियों को वाक्य में प्रयोग कीजिए   2×1=2

काला- अक्षर भैंस बराबर   छोटा मुँह बड़ी बात

9. निम्नलिखित वाक्यों को शुद्ध कीजिए: 4×1=4

(क) दस लड़की पढ़ रही हैं।

(ख) मेरे कोमा से कुछ काम है।

(ग) आजकल दोस्तों सच्चे बहुत कम मिलते है।

(घ) हवा गर्म चल रही है।

खण्ड – 'घ'

10. निम्नलिखित प्रश्नों में से किसीएक' प्रश्न का उत्तर दीजिए :   4

(क) मीराबाई ने श्रीकृष्ण के रुपसौंदर्य का वर्णन कैसे किया है

(ख) कवि (बिहारी) ने सभी की उपस्थिति में भी कैसे बात की जा सकती हैइसका वर्णन किस प्रकारकिया है अपने शब्दों में लिखिए।

(ग) 'आत्मत्राण' शीर्षक की सार्थकता कविता के संदर्भमें स्पष्ट कीजिए।

11. निम्नलिखित प्रश्नों में से किसीछ:' प्रश्नों के उत्तर दीजिए: 6×2 =12

(क) 'जमी पर खूँ की लकीर खींचनेका क्या आशय है?

(ख) तोप अपना परिचय किस रुप में देती हैअपने शब्दों में लिखिए।

(ग) पर्वत और जल का दृश्य कैसा प्रतीत हो रहा था? कविता के आधार पर स्पष्ट कीजिए।

(घ) 'विश्व-शलभ' दीपक के साथ क्यों जल जाना चाहता है

(ङ) अपने स्वभाव को निर्मल रखने के लिए कबीर ने क्या उपाय सुझाया है?

(च) 'मनुष्य मात्र बंधु है सेआप क्या समझते हैं स्पष्ट कीजिए।

(छ) झरने किसके गौरव का गान कर रहे हैंबहते हुए झरने की तुलना किससे की गई है

(ज) मीठी वाणी बोलने से औरों को सुख और अपने तन को शीतलता कैसे प्राप्त होती है

12. निम्नलिखित गद्यांश को पढ़िए और किसी एक के पूछे गए प्रश्नों के उत्तर दीजिए

(अ) फिर सालाना इम्तिहान हुआ और कुछ ऐसा संयोग हुआ कि मैं फिर पास हुआ और भाई साहब फिए फ़ेल हो गए। मैने बहुत मेहनत नहीं की, पर न जए कैसे दो में अव्वल आ गया। मुझे खुद अचरच हुआ। भाई साहब ने प्राणांतक परिश्रम किया। कोर्स का एक-एक शब्द चाट गए थे दस बजे रात तक इधर, चार बजे भोर से उठ् छ: से साढ़े नौ तक स्कूल जाने के पहले। मुद्रा क्रांतिहीन हो गई थी, मगर बेचारे फ़ेल हो गए। मुझे उन पर दया आती थी। नतीजा सुनाया गया, तो वह रो पड़े और मै भी रोने लगा। अपने पास होने की खुशी आधी हो गई। मैं भी फ़ेल हो गया होता, तो भाई साहब को इतना दुख न होता, लेकिन विधि की बात कौन टाले।

(क) कहानी तथा कहानीकार का नाम लिखिए।   1

(ख) आपकी दृष्टि में बड़ा भाई क्यों फेले हो गया।   1

(ग) बड़े भाई ने पढ़ाई के लिए किस प्रकार परिश्रम किया।   1

(घ) लेखक को बड़े भाई पर दया क्यों आई।   1

(ङ) लेखक के पास होने की खुशी आधी क्यों हो गई ?   1

'अथवा '

(ख) शुद्ध सोना अलग है और गिन्नी का सोना अलग। गिन्नी के सोने में थोड़ा ताँबा मिलाया हुआ होता है इसलिए वह ज्यादा चमकता है और शुद्ध सोने से मज़बूत भी होता है। औरतें अकसर इसी सोने के गहने बनवा लेती हैं फिर भी होता तो वह है गिन्नी का ही सोना। शुद्ध आदर्श भी शुद्ध सोने के जैसे ही होते हैं चंद लोग उनमें व्यवहारिकता का थोड़ा-सा ताँबा मिला देते हैं और चलाक दिखाते हैं। तब हम लोग उन्हें प्रैक्टिकल आइडियालिस्ट' कहकर उनका बखान करते हैं।

(क) पाठ तथा लेखक का नाम लिखिए।   1

(ख) शुद्ध सोने और गिन्नी सोने में क्या अंतर होता है?   1

(ग) शुद्ध सोने में चंद लोग क्या मिलाते हैं।   1

(घ) गिन्नी सोने के आभूषण क्यों बनाए जाते हैं।   1

(ङ) 'प्रैक्टिकल आइडियालिस्ट किसे कहते हैं।   1

13. निम्नलिखित में से किन्हीं दीन प्रश्नों के उत्तर दीजिए   3×2=6

(क) वज़ीर अली को गवर्नर जनरल द्वारा बुलाने पर आपत्ति क्यों हुई ?

(ख) निकोबार के लोग तताँरा को क्यों पसंद करते थे।

(ग) मनुष्य ने अपने स्वार्थ के कारण प्रकृति में किस प्रकार खलल पैदा की।

(घ) वामीरो अपना गाना क्यों भूल गई ?

(ङ) शैलेन्द्र के गीतों की क्या विशेषताएँ हैं

14. निम्नलिखित में से किसीएक' प्रश्न का उत्तर दीजिए :   5

(क) 'आज जो बात थी वह निराली थी' – किस बात से पता चल रहा था कि आज का दिन अपनेआप में निराला है? स्पष्ट कीजिए।

(ख) भीड़ ख्यूक्रिन पर क्यों हँसने लगती है

(ग) वज़ीर अली के अफ़सानेस ुनकर कर्नल को राँबिनहुड की याद क्यों आ जाती थी?

15. 'हरिहर काका' नामक पाठ में गावँ में स्थित पूजा-स्थल का नाम क्या है?   1

16. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए   2

(क) 'अम्मी' शब्द पर टोपी के घरवालों की क्या प्रतिक्रिया हुई ?

(ख) स्काउट परेड करते समय लेखक अपने को महत्वपूर्ण 'आदमी' फौजी जवान क्यों समझने लगता था?

17. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए :   3

(क) दस अक्तूबर सन् पैंतालीस का दिन टोपी के जीवन में क्या महत्व रखता है

(ख) हरिहर काका के मामले में गावँ वालों की क्या राय थी और उसके क्या कारण थे

18. निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए   4

(क) उन परिस्थितियों की चर्चा कीजिए जिनके कारण मंहत द्वारा हरिहर काका का अपहरण किया गया ? और इसका क्या परिणाम हुआ ?

(ख) 'सपनों केसे दिन पाठ के आधार पर बचपन की मस्ती का वर्णन कीजिए।

_____

2024

MATHEMATICS

Full Marks - 80

Time - 3 Hours

General Instructions:

(i) *All questions are compulsory.*

(ii) *Figures in the margin indicate marks.*

(iii) *In question on construction, the drawing should be neat and exactly as per the given measurements.*

(iv) *Use of calculator is not allowed.*

1. Choose the correct answer :   24×1=24

    (a) The speed of 90 m/sec is equal to -

        (i)   25 km/hr   (ii)   324 km/hr

        (iii) 45 km/hr   (iv)   180 km/hr

    (b) The sum of present values (or the Principals) of all instalments is equal to -

        (i)   Instalments   (ii)   Amount   (iii)   Interest   (iv)   Sum borrowed

    (c) A and B together can do a piece of work in 4 days. A alone can do it in 6 days. Time taken by B alone to finish is -

        (i)   8 days   (ii)   10 days   (iii)   12 days   (iv)   14 days

    (d) The zeroes of the quadratic polynomial $6x^2 - 7x - 3$ are -

        (i) $\dfrac{-1}{3}\ and\ \dfrac{3}{2}$ (ii) $\dfrac{1}{3}\ and\ \dfrac{-3}{2}$ (iii) $-3\ and\ \dfrac{2}{3}$ (iv) $3\ and\ \dfrac{-2}{3}$

    (e) The multiplicative inverse of $\dfrac{x+1}{x-1}$ is -

        (i) $\dfrac{x+1}{-x+1}$ (ii) $\dfrac{-x+1}{-x-1}$ (iii) $\dfrac{-x+1}{x-1}$ (iv) $\dfrac{x-1}{x+1}$

    (f) In a quadratic equation, $ax^2 + bx + c = 0$, where $a \neq 0$, if $b^2 - 4ac < 0$, then the quadratic equation has -

        (i)   two distinct real roots   (ii)   two equal roots

        (iii) no real roots   (iv)   three real roots

P.T.O.

(g) If an AP is in an increasing order of magnitude and common difference is 4, then the difference between the 20th and 14th terms is -
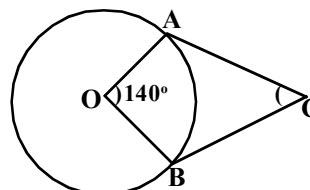
(i) 22   (ii) 23   (iii) 24   (iv) 25

(h) D and E are respectively the points on the side AB and AC of a $\triangle$ ABC, such that DE // BC. If AD = 2 cm, BD = 3 cm, BC =7.5 cm. Then, the length of DE is -
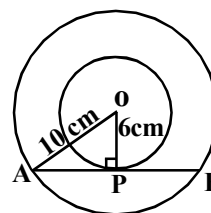
(i) 3 cm   (ii) 4.5 cm   (iii) 5.5 cm   (iv) 6 cm

(i) In the given figure, CA and CB are tangents to a circle with centre O. If $\angle$ AOB = 140^0, then the value of $\angle$ ACB is -

(i) 10°   (ii) 20°

(iii) 30°   (iv) 40°

(j) In the given figure, O is the centre of two concentric circles of radii 10 cm and 6 cm respectively. AB is a chord of the larger circle which is tangent to the smaller circle at P. Then the length of the chord AB is -

(i) 16 cm   (ii) 14 cm

(iii) 10 cm   (iv) 8 cm

(k) The distance of a point (6, -6) from the origin is -

(i) $6\sqrt{3}$ units   (ii) $6\sqrt{2}$ units   (iii) 6 units   (iv) $6\sqrt{5}$ units

(l) The coordinates of the centroid of $\triangle$ABC with vertices A(-1,3), B(6,-2) and C (7,5) are -

(i) (4, 0)   (ii) (3, 2)   (iii) (4, 2)   (iv) (4, 3)

(m) If (-3, y) is the midpoint of the line segment joining the points A(-4,5) and B(-2,3) then, the value of y is

(i) 4   (ii) -4   (iii) 1   (iv) -1

(n) The value of $\tan 22° \tan 32° \tan 45° \tan 58° \tan 68°$ is -

(i) 0   (ii) -1   (iii) 1   (iv) 2

(o) The value of cosec^2 A (1 + cos A)(1 - cos A) is -

(i) -1   (ii) 1   (iii) 0   (iv) 2

(p) The formula for finding the total surface area of a right circular cone of radius 'r' and slant height 'l' is -
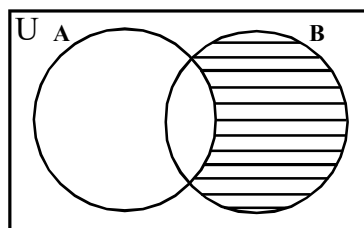
(i) $\pi r l$ (ii) $\pi l(l+r)$ (iii) $\pi r^2 (l+r)$ (iv) $\pi r(l+r)$

(q) If a circle of radius 4 cm circumscribes a square, then the area of the square is -

(i) 24 cm^2 (ii) 32 cm^2 (iii) 48 cm^2 (iv) 64 cm^2

(r) Two cubes, each of volume 64 cm³ are joined end to end. The surface area of the resulting cuboid is -

(i) 80 cm²   (ii) 128 cm²   (iii) 160 cm²   (iv) 32 cm²

(s) A solid metallic cylinder of height 45 cm and radius 2 cm is melted and recast into solid spheres of radius 3 cm each. The number of spheres formed is -

(i) 5   (ii) 4   (iii) 3   (iv) 6

(t) A solid frustum has radii of circular ends as 8 cm and 20 cm and height 16 cm. Thus, the slant height of the frustum is -

(i) 14 cm   (ii) 16 cm   (iii) 18 cm   (iv) 20 cm

(u) Two coins are tossed simultaneously, the probability of getting at least one head is -

(i) $\dfrac{1}{2}$ (ii) $\dfrac{3}{4}$ (iii) $\dfrac{1}{4}$ (iv) $\dfrac{1}{3}$

(v) In a group of people, 100 persons know Hindi, 50 know English and 25 know both. Each of the persons knows either Hindi or English. The number of persons in the group is -

(i) 25   (ii) 75   (iii) 125   (iv) 150

(w) In the given Venn diagram, A and B are two sets, the shaded portion represents -

(i) B - A   (ii) A - B

(iii) A$\cup$B   (iv) A$\cap$B

(x) If $x \subseteq y$, then $x - y$ is equal to -

(i) ϕ (ii) x (iii) y (iv) $y - x$

2. Answer the following questions : $10 \times 2 = 20$

(a) A and B can finish a piece of work in 18 days; B and C in 24 days while A and C in 3 days. In how many days can A alone finish the work ?

(b) What should be subtracted from $\dfrac{7x}{x^2 + x - 12}$ so as to get $\dfrac{4}{x+4}$?

(c) Find the value of 'k' for which the roots of the quadratic equation :

$kx^2 - 2kx + 6 = 0$ are real and equal.

(d) The 7th term of an AP is 15 and its 16th term is 12 more than the 10th term. Find the AP.

(e) Prove that the lengths of tangents from an external point to a circle are equal.

(f) Prove that a cyclic parallelogram is a rectangle.

(g) The areas of two similar triangles are 81 cm² and 49 cm² respectively. If the altitude of the first triangle is 6.3 cm, find the corresponding altitude of the other.

(h) Evaluate : (sec18° - cot72°)(cosec72° + tan18°)

(i) A water tank of dimensions 18 dm x 15dm x 12dm is $\frac{2}{3}$ full of water. 40 equal cubical stones are thrown into it to make the water rise to the brim. Find the edge of each cubical stone.

. (j) The monthly expenditure of a student on various items is given below :

Item	Tuition	Bus	Tiffin	Stationery
Expenditure (in Rs.)	1800	560	940	300

Draw a pie chart to represent the above data.

3. A lady purchased a mobile phone by paying Rs 13,800 as cash down payment and the balance in two equal annual instalments of Rs 4410 each. If the interest charged under the instalment plan is 5% p.a compounded annually, find the cash price of the mobile phone.   3

4. Find the HCF and LCM of : $2x^2 + 14x + 24$ and $x^2 - 9$ 3

5. (a) Construct a triangle PQR in which base QR = 6.5 cm, $\angle$ P = 60° and altitude through P is 4.6 cm. Measure and write the length of PR. (Steps of construction not required)
3

OR

(b) Using ruler and compass only, draw a circle of radius 3.5 cm and take a point P which is 6.5 cm away from the centre of the circle. Draw two tangents to the circle from P without using the centre of the circle. Also measure and write the lengths of tangents. (Steps of construction not required)   3

6. In a right-triangle, prove that the square of the hypotenuse is equal to the sum of the squares of the other two sides.   3

7. Prove that : $\dfrac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta} + \dfrac{\sin\theta - \cos\theta}{\sin\theta + \cos\theta} = \dfrac{2}{1 - 2\cos^2\theta}$ 3

8. (a) From the top of a tower 30 m high, the angles of depression of the top and bottom of a building are observed to be 30° and 60° respectively. Find the height of the building.   3

OR

(b) A flagstaff stands on the top of a 10 m high tower. From the point on the ground, the angle of elevation of the top of the flagstaff is 60° and from the same point, the angle of elevation of the top of the tower is 45°. Find the height of the flagstaff. (Take $\sqrt{3}$ = 1.732)   3

9. (a) The radii of the ends of a bucket are 28 cm and 7 cm and its height is 45 cm. Find its capacity in litres. (Use $\pi = \frac{22}{7}$)   3

OR

(b) A tent is in the form of a right circular cylinder surmounted by a cone of the same diameter. The radius of the cylinder is 12 m and the height of the cylindrical portion is 11 m, while the vertex of the cone is 16 m above the ground. Find the area of canvas required for the tent. (Use $\pi = \frac{22}{7}$)   3

10. Solve the system of linear equation graphically :   5

$$x - 3y = 4$$
$$2x + y = -6$$

Also find the vertices of the triangle formed by these lines and the x-axis.

11. (a) Prove that the points A(-4, 4), B(-4,-2), C(2,-2) and D(2,4) are vertices of a square. Also, find its area.   5

OR

(b) The vertices of a $\triangle$ ABC are A(1,-1), B(-4,6) and C(8,-2). Find the length of the median through vertex A. Also find the area of $\triangle$ ABC.   5

12. Find the mean of the following data :   5

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	3	7	12	15	8	5

Also, find the median using empirical formula if mode of the above data is 37.

————————

2024
SCIENCE
(Theory)
Full Marks - 70
Time - 3 Hours

General Instructions :

(i)   *All questions are compulsory.*

(ii) *All diagrams should be drawn neatly.*

(iii) *Write the number and sub-number of the question before attempting it.*

(iv) *Figures in the margin indicate marks.*

SECTION- A (PHYSICS) *24 Marks*

1. Choose the correct answer :   5x1=5

    (a) In the human eye, the image is formed at the -

         (i)   pupil   (ii) cornea

         (iii) iris   (iv) retina

    (b) What kind of mirror always form a virtual, erect and diminished image ?

         (i)   concave mirror   (ii) plane mirror

         (iii) convex mirror   (iv) both plane and convex mirror

    (c) The frequency of household supply of alternating current in India is -

         (i)   0 Hz   (ii) 50 Hz

         (iii) 100 Hz   (iv) 220 Hz

    (d) Choose the correct descending order of the electrical conductivity of -
         A- Nichrome, B-Silver, C-Iron, D-Glass -

         (i)   B>C>A>D   (ii) B<A<C<D

         (iii) D>A>C>B   (iv) B>C>D>A

    (e) The bending of copper pipe in the form of a coil in a solar heater increases its -

         (i)   thickness   (ii) surface area

         (iii) shape   (iv) melting point

2. What physical quantity remains the same when resistors are connected in parallel ?   1

3. Name the gas evolved in the anaerobic fermentation of organic waste.   1

4. Give reason why vehicles moving in foggy weather use yellow colour headlights.   2

5. What are the benefits of utilising nuclear energy ?   2

P.T.O

6. (a) With the help of a ray diagram, determine the nature, size and position of an image formed by a concave mirror when the object is placed between C and F.

$1½+½+½+½=3$

OR

(b) With the help of a ray diagram, determine the nature, size and position of an image formed by a convex lens when the object is placed between F_1 and O. $1½+½+½+½=3$

7. (a) If an object of height 4 cm is placed at a distance of 24 cm from a concave mirror of focal length 8 cm, find the position, nature and height of the image. 3

OR

(b) If an object of 6 cm height is placed at a distance of 30 cm from a convex lens of focal length 20 cm, find the position, nature and height of the image. 3

8. What is the concept of a solenoid ? What are the *two* factors on which the magnetic field due to a current carrying solenoid depends ? $1+2=3$

9. (a) Explain with a labelled diagram the working of an electric motor. $1+3=4$

OR

(b) (i) What is the pattern of a magnetic field produced when current is passed through a straight conductor ?

(ii) In room wiring , all electrical appliances are connected across the neutral and live wire in parallel. Give *three* reasons why. $1+3=4$

SECTION- B (CHEMISTRY) *23 Marks*

10. Choose the correct answer : $5 \times 1=5$
     (a) Which of the following has the minimum valence electrons ?
          (i) Al   (ii) Na   (iii) Si   (iv) P

     (b) Which one is used as cathode in the electrolytic refining of copper ?
          (i) Impure copper (ii) Graphite rod (iii) Pure copper (iv) Pure iron rod

     (c) The pH of a sample of pure water is 7 at room temperature. What will be its pH when a pinch of solid baking soda is dissolved in it ?
          (i) more than 7 (ii) very near to 7 (iii) less than 7 (iv) exactly 7

     (d) Read the following statements marked as Assertion and Reason and select the correct answer.
          Assertion : Soaps are biodegradable but do not work well with hard water.
          Reason   : Soaps contain sodium salts of sulphonic acids which work well with hard water.
          (i) Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
          (ii) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
          (iii) Assertion is true but Reason is false.
          (iv) Assertion is false but Reason is true.

     (e) While cooking, the bottom of the vessel is blackened on the outside, it means that -
          (i) the food is not cooked completely (ii) the fuel is burning completely
          (iii) the fuel is not burning completely (iv) the fuel is wet

11. Why are ionic compounds usually hard ? 　　　　1

12. What is saponification ? 　　　　1

13. Why are alkanes called excellent fuels ? 　　　　1

14. What is a balanced chemical equation ? Balance the given equation : 　　　1+1=2
$$HNO_3 + Ca(OH)_2 \rightarrow Ca(NO_3)_2 + H_2O$$

15. Why does distilled water not conduct electricity whereas rainwater does ? 　　　2

16. Give reasons why aluminium is highly reactive metal, yet it is used for making cooking utensils. 　　　2

17. Define functional group. Write the functional group of an alcohol. 　　　1+1=2

18. (a) What is an alloy ? Write the constituents and two uses of brass. 　　　1+1+1=3

OR

(b) Which gas is usually liberated when an acid reacts with a metal ? Illustrate with an example. How would you test the presence of this gas ? 　　　1+1+1=3

19. (a) (i) How many periods and groups are there in the long form of the periodic table ?

(ii) Which element has the electronic configuration 2,8,2 ?

(iii) What were the *two* criteria used by Mendeleev in creating his Periodic Table ?
　　　1+1+2=4

OR

(b) What do you mean by redox reaction ? Give *three* examples of redox reaction in every day life. 　　　1+3=4

SECTION - C (BIOLOGY) *23 Marks*

20. Choose the correct answer : 　　　4x1=4
(a) The human saliva contains an enzyme salivary amylase which digests -
(i) starch 　　(ii) proteins 　　(iii) sugars 　　(iv) fats

(b) The largest gland in the human alimentary canal is -
(i) stomach 　　　　　　　　　　(ii) large intestine
(iii) liver 　　　　　　　　　　(iv) small intestine

(c) Artificial vegetative propagation includes -
(i) fission and layering 　　　　　　(ii) cutting and spore formation
(iii) pollination and tissue culture 　　(iv) grafting and cutting

(d)   Consider the following statements :
      A. Shorter food chains are better.
      B. Primary consumers are also called carnivores.
      C. Carbon monoxide is a major by-product of fossil fuel combustion.
      D. Bacteria and fungi are major decomposers.
      Which of the above statement(s) is/ are correct ?
      (i)   A only   (ii)   A and D only   (iii)   B only   (iv)   C and B only

21.   Name the organelle in which photosynthesis occurs.   1

22.   Where are genes located ?   1

23.   What are phytohormones ? Name *two* phytohormones.   1+1=2

24.   Dam is a great help to farmers. Justify the statement.   2

25.   (a)   Differentiate between light reaction and dark reaction by giving at least *three* points.
                                                                                           3

OR

      (b)   How does exchange of gases take place at the tissue level ?   3

26.   What are homologous organs and analogous organs ? Give *one* example each.   3

27.   (a)   Decomposers play an important role in our environment. Elaborate this statement.   3

OR

      (b)   Replenishment of forest is essential. Justify this statement.   3

28.   (a)   Describe the process of double fertilization in plants. Show the fertilization of ovum
            in a plant using a labelled diagram.   3+1=4

OR

      (b)   What are heterocrine glands ? List the functions of testosterone, estrogen and
            progesterone.   1+3=4

_____

2024

SOCIAL SCIENCE

Full Marks - 80

Time - 3 Hours

General Instructions :

(i)   Answer all the questions.

(ii)   Write the number and sub-number of the question before attempting it.

(iii) Figures in the margin indicate marks.

INDIA AND THE CONTEMPORARY WORLD – II
(*24 marks*)

1.   Answer the following questions: 4x1=4

    (a)   Which document became the charter of liberation ?

    (b)   What does the motto 'Italia fara da se' mean ?

    (c)   What is meant by Benelux Common Market ?

    (d)   Who initiated a movement against the Roman Catholic Church ?

2.   Choose the correct answer from the given options :   4x1=4

    (a)   'Liberalism often advocates for free market capitalism'. This means -

        (i)   Government controls all industries.

        (ii)   Individuals and business operate with little government intervention.

        (iii) Government owns all means of production.

        (iv)   Government provides equal income to all citizens.

    (b)   Which of the following statements is not correct ?

        (i)   Christian missionaries travelled by sea to Asia to preach their religion.

        (ii)   Silk Route refers to the route by which Chinese cargos were taken to the West.

        (iii) The 16th century was a period of religious conflict in Europe.

        (iv)   New Deal was introduced by George Stephen.

    (c)   The Gomasthas were -

        (i)   Supervisors   (ii)   Fisherman   (iii) Paid servants   (iv)   Artists

    (d)   Which of the following statements is correct ?

        (i)   The Chinese manufactured paper from leaves.

        (ii)   The first printing press came to India from England.

        (iii) 18,000 Letters of Indulgence were printed at Barcelona.

        (iv)   Gutenberg's first printed book was the Ballads.

P.T.O.

3. Discuss the role of Mazzini in the Nationalist Movement of Italy.   2

4. Why was the Lahore Congress session of 1929 important ?   2

5. What is meant by Renaissance ?   2

6. Why did the Non-Cooperation Movement gradually slow down in the cities ?   3

7. Examine the motives behind the colonial expansion in the 15th century.   3

8. (a) Discuss the reasons for the decline of India's textile industry during the colonial period.   4

OR

    (b) What were the distinctive features of industrial growth in England ?   4

INDIA – RESOURCES AND THEIR DEVELOPMENT (*27 marks*)

9. Answer the following questions :   5x1=5
    (a) What is resource development ?
    (b) What are National Parks ?
    (c) Why is the Earth known as 'blue planet' ?
    (d) What is the other name of Biogas ?
    (e) Mention the second highest motorable road in the world.

10. Choose the correct answer from the given options :   4x1=4
    (a) Which of the statement is incorrect ?
        (i)   Solar energy is an example of renewable resource.
        (ii)   Afforestation is one of the methods to conserve soil.
        (iii) The redness of soil is due to the presence of iron oxides.
        (iv)   The rivers deposit their sediments during annual floods and help to make black soil.
    (b) What are the factors responsible for scarcity of water in India ?
        A. Deforestation.
        B. Uneven distribution of rainfall.
        C. Poor management of water resources.
        D. Efficient irrigation methods.
        Choose the correct option -
        (i)   A, B and C   (ii)   A, B and D
        (iii) B and C only   (iv)   None of these
    (c) Identify the correct statement -
        (i)   District roads are constructed and maintained by the state government.
        (ii)   Indian railways are divided into 12 zones.
        (iii) Large stations where routes interconnect are called junctions.
        (iv)   The Grand Trunk Road connected Peshawar to Mumbai.

(d) Raising livestock and cultivation of crops on the same farm refers to -
   (i) Intensive Commercial Farming   (ii) Mixed Farming
   (iii) Extensive Commercial Farming   (iv) Subsistence Farming

11. What are greenhouse gases ?   2

12. What are the reasons behind the emergence of human civilisation in river valleys ?   2

13. Distinguish between metallic and non-metallic minerals.   2

14. Analyse the harmful effects of shifting cultivation in Mizoram.   3

15. (a) Suggest *any four* measures to control environmental degradation.   4

OR

(b) Which factors facilitates the location of a large number of cotton textile mills in Maharashtra ?   4

16. Draw an outline map of India and insert the following :   2+½+½+½+½+½+½=5

   (a) R. Narmada   (b) Thar Desert   (c) Corbett National Park

   (d) Kanyakumari   (e) Hirakud Dam   (f) Lengpui Airport

DEMOCRATIC POLITICS - II (*12 marks*)

17. Choose the correct answer from the given options :   3x1=3
   (a) An example of social division which is prevalent in India is -
      (i) Caste system   (ii) Untouchability
      (iii) Racial discrimination   (iv) Patriarchal society

   (b) Which of the following group of parties do not belong to the national party of India ?
      A. Bharatia Janata Party (BJP), Indian National Congress (INC).
      B. Mizo National Front (MNF), Janata Dal.
      C. Nationalist Congress Party (NCP), Bahujan Samajwadi Party (BSP).
      Choose the correct option -
      (i) B and C   (ii) A and C
      (iii) B only   (iv) None of these

   (c) _____ is one of the largest functioning democracies in the world.
      (i) Britain   (ii) India
      (iii) USA   (iv) Russia

18. What are the advantages of democracy ?   2

19. Examine the reasons behind the persistence of regionalism in India.   3

20. (a) Why is power-sharing among diverse group of people in a country important ?   4

<center>***OR***</center>

(b) What is the difference between a holding-together and a coming-together federation ?

4

<center>**UNDERSTANDING ECONOMIC DEVELOPMENT – II** (*12 marks*)</center>

21. Choose the correct answer from the given options: 3x1=3

(a) Adult literacy ratio refers to aged _____ who are able to read and write a short simple sentence -

   (i) 16 years and above   (ii) 21 years and above

   (iii) 18 years and above   (iv) 15 years and above

(b) The most widely used indicator of economic development is -

   (i) National income   (ii) Per capita income

   (iii) Distribution of income   (iv) None of these

(c) Enterprises which are owned, controlled and managed by various government authorities are -

   (i) Public sector   (ii) Organised sector

   (iii) Secondary sector   (iv) Primary sector

22. State *two* channels through which globalisation takes place.   2

23. Give any *three* points indicating the need for consumer awareness.   3

24. (a) What are commercial banks ? Compare and contrast the three forms of commercial banks in India .   1+3=4

<center>***OR***</center>

(b) How has the use of money made exchange of things easier ?   4

<center>**DISASTER MANAGEMENT** (*5 marks*)</center>

25. What does the term PSTN stand for?   1

26. Explain the *two* factors that determine the magnitude of a disaster.   2

27. If you accidentally cut yourself while cooking, what steps would you take to control the bleeding ?   2

<center>_____</center>

2024

COMMERCIAL STUDIES

Full Marks - 80

Time - 3 Hours

General Instructions :

(i)   All questions are compulsory.

(ii)   Write the number and sub-number of the question before attempting it.

(iii) Figures in the margin indicate marks.

1.   Choose the correct answer from the given options :   7x1=7
     (a)   A scheme of Family Pension-cum-Life Assurance was instituted in -
           (i)   1971   (ii)   1973
           (iii) 1961   (iv)   1963

     (b)   Under the Maternity Benefits Act 1961, women can get maternity leave upto -
           (i)   10 weeks   (ii)   6 weeks
           (iii) 12 weeks   (iv)   None of these

     (c)   Promotion tools include -
           (i)   Advertising   (ii)   Sales promotion
           (iii) Personal selling   (iv)   All of these

     (d)   _____involves distribution of product/ services at free of cost.
           (i)   Contest   (ii)   Discount
           (iii) Sampling   (iv)   None of these

     (e)   Book keeping is a primary stage whereas accounting is a -
           (i)   First stage   (ii)   Secondary stage
           (iii) Third stage   (iv)   Fourth stage

     (f)   An arrangement by which the borrower is allowed to withdraw from the current account
           more than his credit balance upto a sanctional limit is -
           (i)   Overdraft   (ii)   Loan
           (iii) Bill of exchange   (iv)   Cash credit

     (g)   Role playing technique is also called -
           (i)   Role reversal   (ii)   Socio drama
           (iii) Psycho-drama   (iv)   All of these

2. Fill in the blanks : 7x1=7

   (a) The Monopoly and Restrictive Trade Practices Act was passed in _____ .

   (b) _____ is needed to move goods from the place of production to the place of consumption of goods.

   (c) The term debit and credit used today have their origin from the term _____ .

   (d) _____ refers to a systematic knowledge of accounting.

   (e) Discipline means _____ .

   (f) Industrial relations are shaped by _____ agencies.

   (g) _____ is concerned with rating the job and not the employees.

3. Answer the following : 10x1=10

   (a) Define stakeholders.

   (b) State the objectives of the Workmen's Compensation Act.

   (c) Define Marketeer.

   (d) What is skimming pricing policy ?

   (e) What is meant by Recording ?

   (f) Write the full form of IDBI.

   (g) What is placement ?

   (h) Define Industrial Relation.

   (i) Write the full form of AITUC.

   (j) What is General Union ?

4. State the *three* expectations of government. 3

5. Why do products need to be packaged ? 3

6. Briefly explain the main features of selling. 3

7. Enumerate *three* factors to which marketers should pay attention before fixing the price of a product. 3

8. Explain three traditional functions of Reserve Bank of India (RBI). 3

9. Distinguish between a Central Bank and Commercial Bank. 3

10. Write the objectives of selection tests. 3

11. Briefly explain the determinants of Industrial Relations. 3

12. State *any four* Economic, Social and Cultural Rights. 4

13. Write your opinion on the usefulness of computerised accounting system over manual accounting system. 4

14. (a) Explain the steps taken by government with regard to Child Rights. Explain the role of UNICEF with regard to Child Rights. 4+4=8

OR

(b) Explain the meaning of social security. State *any five* laws providing social security with their objectives. 2+6=8

15. 'Advertising is a Social Waste'. Do you agree with this statement ? Give *four* reasons in support of your answer. 8

16. (a) Distinguish between internal and external sources of recruitment. 8

OR

(b) Explain the benefits of training to employees. 8

_____

2024

CIVICS & ECONOMICS

Full Marks - 80

Time - 3 Hours

General Instructions :

(i)   All questions are compulsory.

*(ii)   There are two sections, **A** and **B** carrying 40 marks each.*

(iii) Write the number and sub-number of the question before attempting it.

(iv)   Figures in the margin indicate marks.

SECTION - A (CIVICS - 40 marks)

1.   Choose the correct answer from the options given :   6x1=6
      (a)   The Governor is appointed for a period of -
             (i)   3 years   (ii)   4 years
             (iii) 5 years   (iv)   6 years

      (b)   The seat of the Supreme Court of India is -
             (i)   Mumbai   (ii)   Chennai
             (iii) Kolkata   (iv)   Delhi

      (c)   Which of the following cities is a Union Territory ?
             (i)   Chandigarh   (ii)   Lucknow
             (iii) Amritsar   (iv)   Gandhinagar

      (d)   The Indian National Congress was established in 1885 by -
             (i)   Mahatma Gandhi   (ii)   A.O Hume
             (iii) Lord Canning   (iv)   Jawahar Lal Nehru

      (e)   The age of retirement of judges of the Supreme Court of India is -
             (i)   58 years   (ii)   60 years
             (iii) 65 years   (iv)   68 years

      (f)   The age of marriage for boys at present is -
             (i)   16 years   (ii)   18 years
             (iii) 20 years   (iv)   21 years

2.   Fill in the blanks with the correct answers: 6x1=6
      (a)   The _____ of India is the Ex-officio chairman of the Rajya Sabha. (Prime Minister/ Vice President)
      (b)   To become a member of Legislative Assembly, a person must be not less than _____ years of age. (25/ 35)
      (c)   The Chief Justice and some other judges of the High Court are appointed by _____. (The Governor/ The President)

(d) The highest revenue court in the state is the _____. (Board of Revenue/ Commissioner's Court)

(e) The budget of the UT is presented before the House by the _____. (Finance Minister/ Chief Minister)

(f) There are _____ types of party system prevalent in the world. (two/ three)

3. State the *two* characteristics of Directive Principles. 2

4. How is the Governor of a state appointed ? 2

5. If you were the Speaker of a State Legislature, how would you conduct the house ? 2

6. Define Minority. 2

7. It is said "Chief Minister is a keystone of the Cabinet arch". Do you agree ? If so, why ? 3

8. Mention *three* provisions regarding the administration of Union Territories. 3

9. Why is independence of the Supreme Court necessary ? How does the Supreme Court safeguard the constitution ? 1+2=3

10. Mention some constitutional measures for the eradication of the evils of caste system. 3

11. Describe *any four* powers of the Prime Minister of India. 4

12. Do you believe that Indian democracy is the best form of government in the world ? Justify your viewpoint. 4

SECTION - B (ECONOMICS - 40 marks)

13. Choose the correct answer from the options given : 5x1=5

(a) The concept of growth has to be studied over a long period of at least -
(i) 20-30 years   (ii) 30-40 years
(iii) 40-50 years   (iv) 50-60 years

(b) PCI stands for -
(i) Personal Capital Index   (ii) Per Capita Index
(iii) Per Capita Income   (iv) Personal Capital Income

(c) Those persons who are engaged in economic activities which generate income are called -
(i) Unemployment   (ii) Working Population
(iii) Land ceiling   (iv) Intermediaries

(d) Rapid and sustained increase in agricultural output over a long period of time -
(i) Green Revolution   (ii) Land Reforms
(iii) Industrial Revolution   (iv) Consolidation of holdings

(e) Which of the following is not included in economic development ?
(i) Reduction of poverty   (ii) Increase in employment
(iii) Increase in National Income   (iv) Reduction of Per Capita Income

14. Fill in the blanks correctly: 7x1=7

    (a) The process of development is more _____ than that of the growth. (intensive/ extensive)

    (b) Quality of life includes _____. (big house/ better sanitation facilities)

    (c) Longevity is measured at the time of _____. (birth/ age one)

    (d) _____ is the revenue and expenditure policy of the government to achieve the desired set of objectives. (Fiscal policy/ Monetary policy)

    (e) The fastest and costliest means of transport is _____. (water transport/ air transport)

    (f) Trade among different countries is known as _____ trade. (internal/ external)

    (g) Railways in India was introduced by the British Empire on _____. (April 16, 1853/ April 16, 1856)

15. Define Sustainable Development. 2

16. What is meant by Land Reforms ? 2

17. What are Public Sector Industries ? 2

18. Mention *any two* problems of Indian Railways. 2

19. How is 'Human Development Index' calculated ? Calculate the HDI of xyz country from the given data :

    LEI = 60, EAI = 30, GDP per capita = Rs 150000   2+1=3

20. Do you think Mizoram has the potential to develop cottage and small scale Industry ? Support your answer by giving examples. 3

21. How can we say that foreign trade has benefitted a country's economy like India ? 3

22. 'The role of state is bound to change with the change in the World'. Comment. 3

23. Briefly analyse the significance of the new agricultural technology in India. 4

24. Which components of economic infrastructure do you consider the most crucial for driving economic development ? Provide supporting reasons for your answer. 1+3=4

_____

2024
HOME SCIENCE
(Theory)
Full Marks - 70
Time - 3 Hours

General Instructions :

(i)   All questions are compulsory.

(ii)   Write the number and sub-number of the question before attempting it.

(iii) Figures in the margin indicate marks.

1.   State whether the following statements are **True** or **False**:   5x1=5
     (a)   The ability to recognize others is called Physical Development.
     (b)   Food hygiene is the safe handling of food that will keep it safe and free from all contaminants.
     (c)   All resources are interrelated.
     (d)   Fibre is not essential in the diet.
     (e)   A high price means a good quality product.

2.   Fill in the blanks :   6x1=6
     (a)   Physical development is fastest during _____ .
     (b)   Detailed information about the product is given in the _____ .
     (c)   Need for food, clothing, shelter, etc are _____ needs.
     (d)   Vitamin D can be produced by the body when the skin is exposed to _____ .
     (e)   To keep the gum and teeth healthy, we must take _____ .
     (f)   In hot summer, _____ clothes are more suitable to wear.

3.   Answer the following questions in *one* or *two* sentences :   10x1=10
     (a)   Define language development.
     (b)   What is food ?
     (c)   What is meant by bleaching ?
     (d)   Who is a consumer ?
     (e)   Define the term 'Goal'.
     (f)   What is meant by hoarding ?
     (g)   What is the full form of C.P.A ?
     (h)   What is the meaning of shrinkage of fabrics ?
     (i)   Name the disease caused by deficiency of Iron.
     (j)   Define imitation.

4. Answer the following questions: 10x2=20
   (a) What are the *two* advantages or importance of Meal Planning ?
   (b) What are the main advantages of having spending plan for a family ?
   (c) What nutrient is the child lacking if he/ she is short, has dull hair and cannot see in dim light ? What type of food should you give him/ her ?
   (d) How can you say that Play is exploratory or curious ?
   (e) What is a consumer aid ?
   (f) Why do men need more energy and proteins than women ?
   (g) Why should very dirty cotton be soaked ?
   (h) State the needs for proper use of resources.
   (i) What is meant by deficiency diseases ?
   (j) Classify resources as human and non-human resources.

5. Answer the following questions :   5x3=15
   (a) What are the rules of hygienic handling of food ?
   (b) Why is play needed for a child ?
   (c) 'Money can be called a resource'. Why ?
   (d) What steps should you follow when you buy perishable food more than your need ?
   (e) (i) Explain why a variety of food is needed by our body ?

   OR

   (ii) Why do we need to eat food ?

6. What is the role of music in the life of a child upto 3 years of age ?   4

7. What is a stain ? How can we identify them ?   5

8. " Home-stitched garments are more preferable to other garments". Do you agree with this statement ? Give reasons to support your answer.   5

_____

2024

INTRODUCTORY INFORMATION TECHNOLOGY

(Theory)

Full Marks - 30

Time - 1½ Hours

General Instructions :

(i)   All questions are compulsory.

(ii)   Write the number and sub-number of the question before attempting it.

(iii)   Marks for each question are indicated against it.

1.   Fill in the blanks :   5x1=5

   (a)   The _____ is used to write text in Teletype font.

   (b)   The ongoing discussion in a Newsgroup is called _____.

   (c)   _____ software submits the search to many Internet search engines.

   (d)   There are _____ data types in MS Access.

   (e)   _____ attribute allows a tooltip that explains the resource in more detail.

2.   What is the significance of linking ?   1

3.   What is Datasheet View ?   1

4.   What is an Alternate Key ?   1

5.   What are style tags ?   1

6.   What is Gopher ?   2

7.   What is meant by uploading and downloading of files ?   2

8.   Differentiate between data and information.   2

9.   Differentiate between <SUB> and <SUP> element.   2

10. When do we use MAILTO attribute in <A> element ? Give example.   2

11.   What is the difference between <P> element and <BR> element ?   2

12.   Describe in detail how email software works.   3

13.   Mention and explain *any three* data types used in MS - Access and Open Office. org Base.   3

14.   What is the purpose of the <A> element ? Explain *any two* of its attributes.   1+2=3

—————