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LANGUAGE — ARABIC — Paper I

(Prose, Poetry & Translation)

Time Allowed : 2 ½ Hours]

[Maximum Marks : 100

I - Answer any TEN of the following questions : $10 \times 2 \frac{1}{2} = 25$

- 1- ما إسم قصائد ترو ولور ؟
- 2- ما الغذاء الأساسي لأهل تمل نادو ؟
- 3- اذكر اسما بعض مدن في تمل نادو ؟
- 4- من أبوه وأمه ؟
- 5- كم ولد كان للنبي صلى الله عليه وسلم من خديجة رضي الله عنه ؟
- 6- أين نزل الوحي للنبي صلى الله عليه وسلم أولا ؟
- 7- من فسح القرآن وأرسلها إلى العالم ؟
- 8- هل إشتراك عثمان رضي الله عنه مع النبي في جميع الغزوات ؟
- 9- كيف الزراعة في الهند ؟
- 10- ماهي عاصمة الهند ؟
- 11- ما الذبحر ؟
- 12- أي صف يتعلم عبد المجيد ؟
- 13- ماذا طيغت الأخر ؟
- 14- ماذا قالت فاطمة نزوجها أخيرا ؟

[Turn over

II - Explain any three of the following with reference to the context:

3 x 5 = 15

- 1- مدينة سنّاي هي عاصمة تمل نادو. هي مدينة كبيرة وواسعة وتزدحم بالشكان.
- 2- تزوّج النبي صلى الله عليه وسلم خديجة رضي الله عنها في السنّة الخامسة والعشرين من عمره وهي في سنّها الأربعين.
- 3- كان عثمان بن عفان رضي الله عنه مخلصا وصادقا منذ صغره.
- 4- في مجال ارتياد الفضاء الآن موجود محطة إطلاق الصّواريخ في تمبا التي أسّست سنة 1943 م.
- 5- أظهر كراهيته للسّمك فأك: بلّس الغذا، السمك وساء السمك من غداء. فان سينه سمّ وميمه مرض وكافه كربه.

III - Explain any two of the following with reference to the context. 2x5=10

- 1- فسقيا للمدارس من رياض
لناقد أنبتت منكم زهورا
ستكتسب البلاد بكم علوا
واذا وجدت لها منكم نصيرا
- 2- من معجزات فينا هو خالدا
اعجازه ما دارت الأزمان
لم يأت قط ولن يجي بسورة
من مثله فصح الوري الفرسان
- 3- ولو كانوا مع الأعدا بحرب
على ظهر الخيول الصّافنات
ولو كانوا بجرأ أو بفلك
على سطح البحور المائجات

IV - Quote from memory:

10

From أرى لب العلى

To منكم نصيرا

V - Write an essay on any ONE of the following:

15

1- سيرة النبي صلى الله عليه وسلم

2- آثار الصناديد في الصند

3- البخيل وجاره

VI - Translate the following into English:

10

هذا كتاب محمد و ذلك كتاب فاروقى . كتاب محمد على المكتب و كتاب

فاروقى تحت المكتب . باب البيت مغلق و باب السيارة مفتوح .

VII - Translate the following into Arabic:

15

This man is a merchant and that man is a doctor. Name of the merchant is Mahmood and name of the doctor is Khalid. The merchant is standing and the doctor is sitting.

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LANGUAGE — ARABIC — Paper II
(Quran, Hadeeth, Letter Writing and Grammar)

Time Allowed : 2½ Hours]

[Maximum Marks : 100

Note : For the letter-writing question sign yourself as 'X' and write address as 'Y'. If you write your name, Register Number or your address, your answer paper will not be valued.

I- Explain any three of the following verses: 3 x 5 = 15

- 1- هو الذى بعث فى الاميين رسولا منهم يتلوا عليهم آياته ويزكيهم ويعلمهم الكتاب والحكمة وان كانوا من قبل لفي ضلال مبين.
- 2- واخرين منهم لما يلحقوا بهم وهو العزيز الحكيم.
- 3- قل يا ايها الذين هادوا ان زعمتم انكم اولياء الله من دون الناس فتمنوا الموت ان كنتم صادقين.
- 4- قل ان الموت الذى تفرون منه وانه ملائكم ثم تردون الى عالم الغيب والشهادة فينبئكم بما كنتم تعملون.
- 5- يا ايها الذين امنوا اذا نودى للصلاة من يوم الجمعة فاسعوا الى ذكر الله وذروا البيع ذلكم خير لكم ان كنتم تعلمون.

II- Quote from memory:

10

From فاذا قصيت الصلاة

To والله خير الرازيين

III- Explain any five of the following Hadeeth:

5 x 5 = 25

- 1- ان من اخيركم احسنكم خلقا.
- 2- يسلم الصغبر على الكبير والماذ على القاعد والقليل على الكثير.

[Turn over

- 3- سبعة يظلم الله في ظلمه رجل ذكر الله خاليا ففاضت عيناه.
- 4- من أحب لقاء الله أحب الله لقاءه ومن كره لقاء الله كره الله لقاءه.
- 5- خيركم من تعلم القرآن وعلمه.
- 6- لا يؤمن أحدكم حتى يحب لأخيه ما يحب لنفسه.
- 7- إن الله لا ينظر إلى صوركم وأموالكم ولا ينظر إلى قلوبكم وأعمالكم.
- IV - Write a letter to your father about your studies and the marks you got in the examination.

OR

Write a letter to your Principal requesting him to grant leave for one week as you have to go to Bangalore to attend the marriage of your sister.

20

V - Answer any five of the following:

5×6=30

1- ضبع كل كلمة مما يأتي في المكان الخالي المناسب :

(البنيت - السيارة - مكتب - في - المدرسة - الكتاب)

(i) _____ الطالب الدرس.

(ii) نجلس _____ تحت الشجرة.

(iii) النقود _____ الصندوق.

(iv) _____ جميلة.

(v) ذهبت إلى _____.

(vi) _____ على المكتب.

2- أملأ الفراغ بضمير منفصلة مناسب في الجمل الآتية :

(i) _____ طالب.

(ii) _____ مدرسة.

(iii) _____ رجل -

(iv) _____ مهندس -

(v) _____ معلّمون -

(vi) _____ زميلتي -

3- أكمل الفراغ :

(i) _____ لاعبان -

(ii) تجلس _____ على الكرسي -

(iii) _____ يحرثون الحقول -

(iv) _____ سريع -

(v) _____ المدرّسون

(vi) _____ الجميلة في الشارع -

4- كوّن جملتك الخاصة بحرف جر الآتية :

في - الى - على - من - ب - الى

5- كوّن جملتك مفيدة من الافعال الآتية :

قام - صارت - تشرب - افعل - نلعب - فحقق

6- استعمل الادوات الاستفهام الآتية بالجمل :

متى - كيف - كم - لماذا - اي - اين

7- عيّن الجمل الاسميّة والجمل الفعلية من الآتية :

(i) يدخل المسافر المطعم -

(ii) ادى الصائم زكاة الفطر -

(iii) محمد صلى الله عليه وسلم رسول الله -

(iv) ركب التراكب المركب -

(v) الله نور السماوات والارض -

(vi) البنت الجميلة قارئه -

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ENGLISH — Paper I

Time Allowed : $2\frac{1}{2}$ Hours]

[Maximum Marks : 100

PART - A

(Marks : 32)

I. Answer any *three* of the following questions in about 30 words each. Each question carries *two* marks : 3 × 2 = 6

1. Why did Joan want a horse and armour ?
2. Describe the condition of the forest after the exit of the tortoises.
3. Where did Albert Einstein do his schooling and graduation ?
4. What makes India a peculiar arribada site of Olive Ridleys ?

II. Explain any *two* of the following excerpts with reference to the context. Each question carries *three* marks : 2 × 3 = 6

5. The cage bird whispers, "come hither, let us both live in the cage".
6. "What a dreadful day this had been !" began Jo usually the first to speak.
7. My effort was over and I collapsed almost unconscious, with an arm on either side of me.
8. There are lots of people in the world, and I have to accommodate my liberty to their liberties.

[Turn over

III. Answer any *two* of the following questions, each in a paragraph of about 100 words. Each question carries *five* marks : $2 \times 5 = 10$

9. Describe the conditions that forced Prem to leave his city.
10. Describe the outside as seen by Tagore through Venetian shutters.
11. Write a paragraph on the sea-turtle hatchling.
12. What was the argument between Robert and Polly and how did Polly convince Robert ?

IV. Answer any *one* of the following questions in about 200 words. Each question carries *ten* marks : $1 \times 10 = 10$

13. Describe the magnificent race from the confident beginning to the exciting but painful finish.
14. "Liberty is not a personal affair only but a social contract." Justify with reference to the Rules of the Road.

PART - B

(Marks : 27)

V. Answer any *three* of the following questions each in not more than 30 words. Each question carries *two* marks : $3 \times 2 = 6$

15. To whom is the poem "Romance" addressed ?
16. What was the manner in which the soldiers were moving ?
17. Why does the poet fear the human race ?
18. Why should we not yield to fears on the battle field ?

VI. Answer the questions for any *two* of the following excerpts from the prescribed poems. Each question carries *three* marks : $2 \times 3 = 6$

19. As if, at last, her peace were won,
She breathed his name ;
 - i) Why did she feel that her peace was won ?
 - ii) Whose name did she breathe ?
 - iii) What had happened to her at the end ?

20. I will grow into strength, I will age into youth.

- i) Explain the above line.
- ii) What for does he need strength ?
- iii) Will he do something beneficial to mankind with his strength ?

21. No, I promised to love you, dear,

But I must be leaving.

- i) Who speaks these words ?
- ii) What was the question for which this was the reply ?
- iii) Why does the speaker want to leave ?

22. Joy from her heart doth sing at home,

With little care if others hear ;

- i) Identify the figure of speech in the lines.
- ii) What does 'little care' mean ?
- iii) Express 'doth sing' in modern english.

VII. Answer any *two* of the following, each in about 100 words. Each question carries *five* marks : 2 × 5 = 10

23. How does the poet present a beautiful comparison of joy and pleasure ?

24. Discuss the central idea of the poem "Without Due Care".

25. Write an appreciation of the poem "Thoughts".

26. What is the central theme of the poem "Romance" ? Is it thought provoking ?

VIII. 27. Quote from memory either of the following : 5

For while the tired waves

..... in the light.

OR

Though pleasure's free

..... Nature's light.

[Turn over

PART - C

(Marks : 18)

IX. Choose the appropriate response which conveys a similar meaning to the underlined word / phrase in the main sentence. 5 × 1 = 5

28. The omelette was scorched.

- i) The cake was well baked.
- ii) The dosa was almost burnt out.
- iii) The water was frozen.

29. I am very hardy.

- i) She works with great difficulty.
- ii) She is a tough and a robust person.
- iii) She rarely comes to school.

30. Her voice was normally coaxing.

- i) She ordered for a cup of tea.
- ii) She dissuaded Ram from going abroad.
- iii) She cajoled the pet dog at sit quietly.

31. The lizards grew nastier by the day.

- i) The mean and unkind tricks of the servant maid annoyed the house owner.
- ii) He is of sterling character.
- iii) Her voice is very melodious.

32. The turtles have been elusive creatures.

- i) The Minister comforted the flood-hit victims.
- ii) The clerk gave an evasive reply about the query on late submittance of the file.
- iii) Some are devoted to their profession.

X. Choose the most appropriate antonyms of the underlined words from the *four* alternatives given with each sentence. 5 × 1 = 5

33. To save themselves, they had almost suppressed our right of movement.

- | | |
|--------------|-------------|
| i) expressed | ii) stopped |
| iii) curbed | iv) freed. |

34. She laughed heartily.

- | | |
|---------------------|-------------------|
| i) enthusiastically | ii) indifferently |
| iii) gravely | iv) rarely. |

35. Einstein challenged the wave theory of light.

- | | |
|--------------|----------------|
| i) doubted | ii) questioned |
| iii) opposed | iv) accepted. |

36. Many a trivial thing was for us a rarity.

- | | |
|-----------|--------------|
| i) cheap | ii) valuable |
| iii) drop | iv) common. |

37. I have the honour to be your steward.

- | | |
|----------------|---------------|
| i) goodness | ii) insult |
| iii) stupidity | iv) disgrace. |

XI. Use any *two* of the following words in sentences of your own : 2 × 1 = 2

38. vulnerable

39. grumble

40. inquisitive.

XII. Use any *two* of the following phrases in sentences of your own : 2 × 1 = 2

41. get rid of

42. work out

43. keep away.

XIII. Fill in the blanks, choosing the right alternatives given in the brackets :

2 × 1 = 2

44. The speaker for breath. (passed / paused)

45. Don't people who are unreasonable. (advise / advice)

[Turn over

- XIV. a) Use one word for the phrasal verb or idiom underlined in either of the following sentences : 1

46. The truant got away from the school campus and vanished.

OR

Smoking will tell on one's health.

- b) Use a phrasal verb or an idiom in the place of the underlined word in either of the following sentences : 1

47. Selfish people pursue gold, wealth and glory.

OR

Even at the age of 60, my grandma is lively.

PART - D

(Marks : 23)

- XV. Rewrite as directed. Marks are indicated against each item :

48. Today being Sunday, the shops are closed.

(Change into a *Complex sentence*) 1

OR

Sheela proved that she was innocent.

(Change into a *Compound sentence*)

49. In case of your not hurrying up, you will miss the train.

(Change into a *Complex sentence*) 1

OR

The bird picked up the crumbs and flew to its nest.

(Change into a *Simple sentence*)

50. The men were arranging the table. (Change the *voice*) 1

OR

Let the poor be helped. (Change the *voice*)

51. Reader's Digest is one of the best monthly magazines.

(Rewrite using *Positive degree*) 1

OR

No other boy in the class is so tall as Arun.

(Rewrite using *superlative degree*)

52. The baby is very cute.

(Change into *Exclamatory sentence*) 1

OR

Mary won't help you, ?

(Supply a *Question tag*)

53. She may come late. She has to come from a rural area.

(Combine into a *Simple sentence*) 1

OR

She is poor. She is honest.

(Combine into a *Complex sentence*)

54. Each of them were given a diary.

(Correct the sentence) 1

55. Identify the type of clauses in the given sentence : 2

He collected the pennies but squandered the pounds.

56. Fill in the blanks with appropriate articles : 2

..... strange sense of helplessness fell upon girls as
..... grey bonnet vanished round corner.

[Turn over

57. Fill in the blanks with appropriate prepositions : 2

I think the girl herself is a bit a miracle. Anyhow, she is the last card left our hand.

Better play her than throw the game. Is there anything else left us ?

58. "How intimately did the life of the world throb for us in those days !" said Tagore.

(Rewrite in Reported form of speech) 2

OR

Roger asked if words could be invented for such supreme happiness.

(Rewrite in the Direct form of speech)

59. mercy on us what has happened cried jo starting about her in dismay

(Punctuate the sentence) 2

60. Fill in the blanks with the correct tense forms of the verbs given in brackets : 3 × 1 = 3

At the age of five, when Albert (be) sick in bed, his father (bring) him a device that (stir) his intellect.

61. No, I cannot come with you for the holidays.

(Frame a suitable question) 1

OR

I arrived from Mumbai by flight. (Frame a 'Wh' question)

62. Identify the sentence pattern : 1

In winter, the weather is cold.

63. Frame a sentence on the given pattern : 1

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ENGLISH — Paper II

Time Allowed : $2\frac{1}{2}$ Hours]

[Maximum Marks : 100

PART - A

I. Rearrange the following sentences in logical sequence and rewrite in a paragraph using connectors wherever necessary : 5 + 5

1. He ran speedily towards the fence.
2. Grandfather had to go through an ostrich farm.
3. His dog left him giving a chase to a hare.
4. He was accompanied by his dog.
5. A male ostrich bounded towards him.

II. Read the given passage and answer the questions given below in a sentence or two each :

Usually, when school began, there was a great bustle which could be heard out in the street. One could hear the opening and closing of desks, lessons repeated very loud, without hands over our ears to understand better, and the teacher's great ruler rapping on the table. But now it was all so still ! I had counted on the confusion to get to my desk without being seen. But, of course, that day everything had to be as quiet as Sunday morning. Through the window I saw my classmates, already in their places. Mr. Hamel was walking up and down with his terrible iron ruler under his arm. I had to open the door and go in before everybody you can imagine how I blushed and how frightened I was.

1. What was the usual situation when school began ? 2
2. How different was the situation in school on that particular day ? 2
3. Who was Mr. Hamel ? 2
4. Why was Mr. Hamel looking so serious and sad ? 2
5. Who was the boy and how did Mr. Hamel react to his entry ? 2

III. Answer any *two* of the following in an essay form within 200 words each :

2 × 10 = 20

1. Narrate the encounter of the author with the tribal people in Orissa.
2. Justify the title "stolen banana" relating it to the story.
3. Write an essay on the clues that helped Sherlock Holmes to nail the culprit.
4. Narrate how Sivagami succeeded in changing her father's attitude.

[Turn over

PART - B

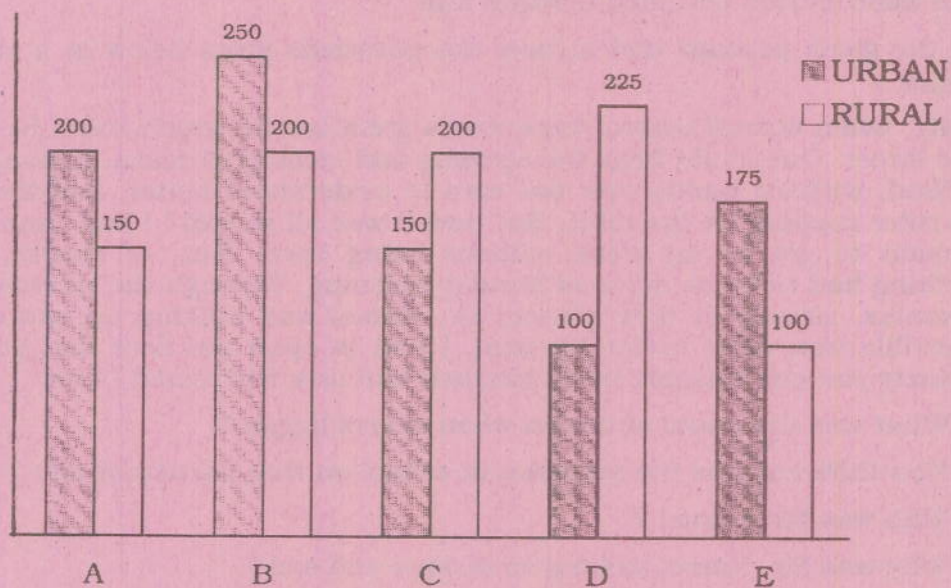
- IV. Write a précis of the following passage reducing it to one-third of its length : 10

The use of tobacco can also seriously impair the user's health. It can lead to cancer, heart attack, strokes and chronic lung disease. Babies born to mothers who smoke are often smaller and less healthier than babies born to mothers who do not smoke. Bronchitis and Pneumonia are serious illnesses common in babies born to parents who smoke, but less common in babies born to parents who do not smoke. Babies whose parents smoke also have a greater risk of suffering from chronic lung disease after they become adults.

We know that alcoholic beverages actually poison the body. Drinking alcohol causes changes in mood and results in lack of judgement and restraint, slurred speech, staggering and clumsiness. Larger amount of alcohol can produce drowsiness, stupor and even death. People who become addicted to alcoholic beverages are called alcoholics. They drink so much of alcohol that damages their health completely.

- V. Read the diagram given below and answer the questions : 5

Number of branches of five banks in urban and rural areas.



Questions

1. What is the total number of rural banks shown in the chart ?
2. What is the ratio of rural branches to the urban branches in the block C ?
3. State the blocks having equal number of banks either in rural or urban.
4. Mention the name of the block containing the least number of banks in this chart.
5. Which block has the largest number of urban banks ?

OR

Read the following passage and make notes :

A popular technique for discouraging undesirable behaviour – especially with younger children – is called the "time-out". During a "time-out", children are required to stay in their room or sit quietly by themselves. Studies have shown that time-outs are effective when used correctly and consistently, increasing compliance with parental expectations by as much as 80 per cent.

Time-outs should not be too long as the child could construe frequent, prolonged time-outs as parental rejection.

VI. Rewrite each of the following sentences correctly : 5 × 1 = 5

1. After that, Susai took another route for the village.
2. I don't knew whether it was the dog's bark or my own shouting.
3. The banana bunch were brought home.
4. That day it was tamarind rice tarnished with fresh roasted peanuts.
5. They turned towards the Principal with horror written in their faces.

VII. Read the given poem and answer the questions given below : 10

"Child, how happy you are sitting in the dust, playing with a broken-twig all the morning!"

I smile at your play with that little bit of a broken-twig

I am busy with my accounts, adding up figures by the hour

Perhaps you glance at me and think, "What a

Stupid game to spoil your morning with!"

Child, I have forgotten the art of being absorbed in sticks and mud-pies.

I seek out costly playthings, and gather lumps of gold and silver with whatever you find you create your glad games.

I spend both my time and strength over things I can never obtain.

Questions :

1. What is the child doing ?
2. Which, according to the child, is a stupid game ?
3. What has the poet forgotten ?
4. Why does the narrator seek out costly playthings ?
5. How does the poet spend his time and strength ?

OR

[Turn over

Paraphrase the poem given below :

Here's an example from

A Butterfly;

That on a rough, hard rock

Happy can lie;

Friendless and all alone

On this unsweetened stone.

Now let my bed be hard

No care take I:

I'll make my joy like this

Small Butterfly;

Whose happy heart has power

To make a stone a flower.

- VIII. 1. Write a letter to a dealer of electronic goods regarding a defect in an electric rice-cooker recently purchased. 10

OR

2. Write a letter to your cousin explaining what made you opt for the Science group in you Higher Secondary course.

OR

3. Write a letter to The Editor, Deccan Chronicle highlighting the usage of cellphones among youngsters.

(Sign yourself as X. If you write your Name, Reg. No. or Address, your answer paper will not be valued)

- IX. Build up a dialogue between a passenger and a clerk at the Railway Enquiry counter. 5

OR

Complete the dialogue with at least *five* exchanges :

Teacher : Children, you should not bring polythene covers to the school.

Student : Why, Ma'm ? What's wrong with polythene covers ?

Teacher : (complete)

- X. Read the given passage and prepare an attractive advertisement : 5

Sale : Latest designs in men's and ladies' wear. For three days only 30% discount available on all items. Venue : Fair Grounds, Stall No. 113, Coimbatore.

- XI. Expand the idea contained in the following statement in about 100 words : 10

Many a drop make an ocean.

OR

Money is a good servant, but a bad master.

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Language — KANNADA — Paper I
(Prose and Poetry)

Time Allowed : 2 ½ Hours]

[Maximum Marks : 100

I. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಎಂಟು ಪ್ರಶ್ನೆಗಳಿಗೆ (ಪ್ರತಿಯೊಂದಕ್ಕೂ ಮೂರು ಸಾಲುಗಳಿಗೆ ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ : 8 × 2 = 16

- 1) ಕೆರೆಗೆ ಯಾರನ್ನು ಹಾರವಾಗಿ ಕೊಡಬೇಕೆಂದು ನಿಷ್ಕರ್ಷೆ ಆಯಿತು ?
- 2) ಕರ್ನಾಟಕವನ್ನು ಆಳಿದ ರಾಜಮನೆತನಗಳು ಯಾವುವು ?
- 3) ರವೀಂದ್ರರ ಶಾಲಾ ಶಿಕ್ಷಣದ ಬಗ್ಗೆ ತಿಳಿಸಿ.
- 4) ಮಕರ ವಾನರನಲ್ಲಿ ಏನು ಹೇಳಿತು ?
- 5) ಮಂಥರೆ ಕೈಕೇಯಿಗೆ ನೀಡಿದ ಸಲಹೆ ಏನು ?
- 6) ಲಲಿತೆ ಏಕೆ ಅಳುತ್ತಿದ್ದಳು ?
- 7) ಶಿಕ್ಷಣದ ಮಹತ್ವವನ್ನು ಕುರಿತು ತಿರುವಳ್ಳುವರ್ ಏನು ಹೇಳಿದ್ದಾರೆ ?
- 8) ಐಯ್ಯಂಗಾರರು ಯಾರ ಮೇಲೆ ವಕ್ರವಾಗಿದ್ದರು ?
- 9) ವ್ಯಾಸಂಗದ ಹವ್ಯಾಸ ಅತಿಯಾದರೆ ಅದರ ಪರಿಣಾಮವೇನು ?
- 10) ಧೈರ್ಯದ ಬಗ್ಗೆ ಗಾಂಧೀಜಿ ಏನು ಹೇಳಿದರು ?

II. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಮೂರು ಪ್ರಶ್ನೆಗಳಿಗೆ (ಪ್ರತಿಯೊಂದಕ್ಕೂ ಆರು ಸಾಲುಗಳಿಗೆ ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ : 3 × 5 = 15

- 1) ಹಿಂದಿನ ಕಾಲದಲ್ಲಿ ನಿಸರ್ಗದ ಸಮತೋಲನ ಹೇಗೆ ನಡೆಯುತ್ತಿತ್ತು ?
- 2) ಷೇಕ್ಸ್‌ಪಿಯರನ ಉತ್ಸವದ ಬಗ್ಗೆ ಬರೆಯಿರಿ.
- 3) ತಂದೆ ತಾಯಿ ಭಾಗೀರಥಿಗೆ ಯಾವ ಭರವಸೆಯನ್ನು ಕೊಟ್ಟರು ?
- 4) ತಿರುವಳ್ಳುವರ್ ಮಾಲೈ ಎಂದರೇನು ?
- 5) ಯಜ್ಞದ ಪೂರ್ಣಾಹುತಿಗೆ ಮೊದಲು ನಡೆದ ಸಿದ್ಧತೆಗಳೇನು ?

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III. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದಕ್ಕೆ (15 ಸಾಲುಗಳಿಗೆ ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ : $1 \times 7 = 7$

- 1) ಭೂಮಿಯ ಪ್ರಳಯಕಾರಿ ಶಕ್ತಿಗಳು ಯಾವುವು ?
- 2) ಗೃಹಸ್ಥ ಧರ್ಮವನ್ನು ಕುರಿತು ತಿರುವಳ್ಳುವರ್ ಅವರ ಅಭಿಪ್ರಾಯವೇನು ?
- 3) 'ಕೆರೆಗೆ ಹಾರ' ಕನ್ನಡ ಕಾವ್ಯಶ್ರೀಯ ಕಂಠದ ಹಾರ. ಹೇಗೆ ?
- 4) ಕೈಕೇಯಿಯ ವರ್ತನೆಯಿಂದ ದಶರಥನ ಮೇಲಾದ ಪರಿಣಾಮವೇನು ?

IV. ಈ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೂ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ : $5 \times 1 = 5$

- 1) ರಾಮಾಯಣ ದರ್ಶನಂ ಎಂಬ ಕಾವ್ಯವನ್ನು ಬರೆದವರು

- ಅ) ರನ್ನ
- ಆ) ಜನ್ನ
- ಇ) ಕುವೆಂಪು

- 2) ರವೀಂದ್ರರಿಗೆ ನೊಬೆಲ್ ಪ್ರಶಸ್ತಿ ತಂದುಕೊಟ್ಟು ಕೃತಿ

- ಅ) ಪ್ರೇಮಾಂಜಲಿ
- ಆ) ಗೀತಾಂಜಲಿ
- ಇ) ಬಾಷ್ಪಾಂಜಲಿ

- 3) ಆರೈಕೆ ಎಂಬುದರ ಅರ್ಥ

- ಅ) ಹರಸು
- ಆ) ಉಪಚಾರ
- ಇ) ಉಪಟಳ

- 4) ರಾಯಲ್ ಷೇಕ್ಸ್‌ಪಿಯರ್ ಎಂಬುದು

- ಅ) ವಿಮಾ ಕಂಪೆನಿ
- ಆ) ಹೋಟೆಲ್
- ಇ) ನಾಟಕ ಕಂಪೆನಿ

- 5) ತಿರುವಳ್ಳುವರ್ ಅವರ ಪತ್ನಿ

- ಅ) ವಾಸಂತಿ
- ಆ) ವಾಸುಕಿ
- ಇ) ವಿಮಲ

V. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದನ್ನು ಕುರಿತು ಎರಡು ಪುಟಗಳಷ್ಟು ಪ್ರಬಂಧವನ್ನು ಬರೆಯಿರಿ :
1 × 10 = 10

- 1) ತಿರುವಳ್ಳುವರ್
- 2) ಮಮತೆಯ ಸುಳಿ ಮಂಥರೆ
- 3) ಉಪಚಾರ

VI. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದಕ್ಕೆ (ಪ್ರತಿಯೊಂದಕ್ಕೂ ಮೂರು ಸಾಲುಗಳಿಗೆ ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ :
5 × 2 = 10

- 1) ಯುಗಾದಿ ಹಬ್ಬದಂದು ಮನೆಯನ್ನು ಹೇಗೆ ಅಲಂಕರಿಸಬೇಕು ?
- 2) ಹೇಗೆಲ್ಲಾ ಒಂದಾಗೋಣ ಎಂದು ಕವಿ ಆಶಿಸಿದ್ದಾರೆ ?
- 3) ಪುಟ್ಟ ಹುಡುಗಿ ಕುರಿಮರಿಗೆ ಏನೆಂದು ಆಶ್ಚರ್ಯ ನೀಡಿದಳು ?
- 4) ಗೋವಿಂದ ಪೈಯವರು ಜನತೆಗೆ ಯಾವ ಕರೆಯನ್ನು ನೀಡಿದ್ದಾರೆ ?
- 5) ಕೈಲಾಸವು ಯಾವಾಗ ನೆರಮನೆ ಆಗುವುದು ?
- 6) ತನುಮನದ ಬಗ್ಗೆ ಅಲ್ಲಮನು ಹೇಳಿದ ವಿಚಾರಗಳೇನು ?
- 7) ಅರ್ಜುನನ ಸೇನೆ ಬಂದಾಗ ಬಭ್ರುವಾಹನನು ಏನು ಮಾಡಿದನು ?

VII. ಈ ಕೆಳಗಿನ ಪದ್ಯಭಾಗಗಳನ್ನು ಪೂರ್ತಿ ಮಾಡಿ :
2 × 5 = 10

- 1) ಕಪಟತನದಿ
-
-
-ವಿದ್ದರೇನು ಫಲ ?
- 2) ಅನ್ನವನು
-
- ಸರ್ವಜ್ಞ.

VIII. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಮೂರಕ್ಕೆ (ಪ್ರತಿಯೊಂದಕ್ಕೂ 6 ಸಾಲುಗಳು ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ :
3 × 5 = 15

- 1) ದಾನದ ಮಹಿಮೆಯನ್ನು ವಿವರಿಸಿ.
- 2) ಕಾಡುಗಳ ಉಪಯೋಗವನ್ನು ಕವಿ ಹೇಗೆ ವರ್ಣಿಸಿದ್ದಾನೆ ?
- 3) ನಮ್ಮ ಸಂಸ್ಕೃತಿ ರಕ್ತಗತವಾದದ್ದು, ಅದು ನಮ್ಮನ್ನು ಬಿಟ್ಟು ಹೋಗುವುದಿಲ್ಲ ಎಂಬುದನ್ನು ಕವಿ ಹೇಗೆ ವಿವರಿಸಿದ್ದಾರೆ ?
- 4) ಕರ್ಣನ ದಾನ ಗುಣಗಳನ್ನು ಬರೆಯಿರಿ.
- 5) ಕುರಿಮರಿ ಮತ್ತು ಪುಟ್ಟ ಹುಡುಗಿಯ ಮಧ್ಯೆ ಬೆಳೆದ ಆತ್ಮೀಯ ಸಂಬಂಧವನ್ನು ವಿವರಿಸಿ.

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IX. ಈ ಕೆಳಗಿನ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೂ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ :

5 × 1 = 5

- 1) ಜಂಬೂಫಲ ಪದದ ಅರ್ಥ
 - ಅ) ವನಚರ
 - ಆ) ಮಾವಿನಕಾಯಿ
 - ಇ) ನೇರಳೆ ಹಣ್ಣು
- 2) ಜಟಾ ಪದದ ತದ್ಭವ ರೂಪ
 - ಅ) ಹೆಡೆ
 - ಆ) ಜಡೆ
 - ಇ) ಕೊಡೆ
- 3) ಪ್ರಾಚೀನ ಎಂಬುದರ ವಿರುದ್ಧ ಅರ್ಥ
 - ಅ) ವೇತನ
 - ಆ) ಸಾಧನ
 - ಇ) ನೂತನ
- 4) ಗತ್ಯಂತರ ಎಂಬುದು ಯಾವ ಸಂಧಿ ?
 - ಅ) ಗುಣ ಸಂಧಿ
 - ಆ) ಯಣ್ ಸಂಧಿ
 - ಇ) ಸರ್ವಣದೀರ್ಘ ಸಂಧಿ
- 5) 'ಬೆಟ್ಟದಾವರೆ' ಎಂಬುದು ಯಾವ ಸಮಾಸ ?
 - ಅ) ತತ್ಪುರುಷ
 - ಆ) ದ್ವಿಗು
 - ಇ) ಕರ್ಮಧಾರಯ

X. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದಕ್ಕೆ (15 ಸಾಲುಗಳು ಮೀರದಂತೆ) ಉತ್ತರಿಸಿ :

1 × 7 = 7

- 1) ವನಮಹೋತ್ಸವದ ಆಚರಣೆಯನ್ನು ಕುರಿತು ಬರೆಯಿರಿ.
- 2) ಯುಗಾದಿ ಕವಿತೆಯ ಸಾರಾಂಶ ಬರೆಯಿರಿ.
- 3) ಅಮ್ಮ, ಆಚಾರ, ನಾನು ಕವಿತೆಯ ಸಾರಾಂಶ ಬರೆಯಿರಿ.

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Language — KANNADA — Paper II
(Non-detailed text, Composition, Grammar)

Time Allowed : 2 $\frac{1}{2}$ Hours]

[Maximum Marks : 100

I. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ನಾಲ್ಕು ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿ : 4 × 5 = 20

- ಮಾರಸಿಂಗಮಯ್ಯನವರಿಗೆ ದ್ವಾರಸಮುದ್ರದಿಂದ ಬಂದ ಓಲೆಯ ಸಾರಾಂಶವೇನು ?
- ರಾಜನು ಹಲವು ರಾಜಕುಮಾರಿಯನ್ನು ಲಗ್ನವಾಗುವ ವಿಷಯದಲ್ಲಿ ಶಾಂತಲೆಯ ಅಭಿಪ್ರಾಯವೇನು ?
- ಜಕಣಾಚಾರಿಯು ದ್ವಾರಸಮುದ್ರಕ್ಕೆ ಹೋಗಲು ಒಪ್ಪಿಕೊಂಡದ್ದು ಏಕೆ ?
- ಜಕಣಾಚಾರಿಯು ಶಿಲ್ಪವನ್ನು ಕಡೆಯುತ್ತಿದ್ದಾಗ ರಾಜ ರಾಣಿಯರು ಸಲ್ಲಿಸಿದ ಸೇವೆ ಏನು ?
- ಆದಿಪುರಾಣ ಕಾವ್ಯವು ಶಾಂತಲೆಯ ಮೇಲೆ ಬೀರಿದ ಪ್ರಭಾವ ಎಂಥದು ?
- ಶಾಂತಲೆಯು ಪಟ್ಟದರಸಿ ಪಟ್ಟವನ್ನು ಬಿಟ್ಟುಬಿಡುವ ನಿರ್ಧಾರಕ್ಕೆ ಬರಲು ಕಾರಣವೇನು ?
- ಮಾಚಿಕಬ್ಬೆಯ ಪಾತ್ರ ಹೇಗೆ ಮೂಡಿಬಂದಿದೆ ? ವಿವರಿಸಿ.

II. ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆಯಿರಿ : 1 × 15 = 15

- ಪರಿಸರ ಮಾಲಿನ್ಯ ತಡೆಗಟ್ಟುವ ಕ್ರಮಗಳು
- ವೃತ್ತಿ ಶಿಕ್ಷಣ
- ರಾಷ್ಟ್ರೀಯ ಭಾವೈಕ್ಯತೆ

III. ನಿಮ್ಮ ಪ್ರದೇಶದ ಬರಗಾಲವನ್ನು ವಿವರಿಸಿ ಜಿಲ್ಲಾಧಿಕಾರಿಗಳಿಗೆ ಬರ ಪರಿಹಾರ ಕಾರ್ಯ ಕೈಗೊಳ್ಳುವಂತೆ ವಿನಂತಿಸಿ ಪತ್ರ ಬರೆಯಿರಿ. 1 × 10 = 10

ಅಥವಾ

ನಿಮ್ಮ ಶಾಲೆಯಿಂದ ಕೈಗೊಂಡಿರುವ ಶೈಕ್ಷಣಿಕ ಪ್ರವಾಸಕ್ಕೆ ಹಣ ಕಳುಹಿಸುವಂತೆ ಕೋರಿ ತಂದೆಗೆ ಒಂದು ಪತ್ರ ಬರೆಯಿರಿ.

[ವಿ.ಸೂ. ಪತ್ರ ಲೇಖನದಲ್ಲಿ 'X' ಎಂದು ಸಹಿ ಮಾಡಿ. ನೀವು ನಿಮ್ಮ ಹೆಸರು, ರಿಜಿಸ್ಟ್ರರ್ ನಂಬರ್ ಅಥವಾ ವಿಳಾಸವನ್ನು ಬರೆದಲ್ಲಿ ನಿಮ್ಮ ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ಮೌಲ್ಯಮಾಪನ ಮಾಡಲಾಗುವುದಿಲ್ಲ.]

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IV. ಈ ಕೆಳಗಿನ ಗದ್ಯ ಭಾಗವನ್ನು ಓದಿಕೊಂಡು ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಿ : $5 \times 2 = 10$

ನಮ್ಮ ದೇಶವನ್ನು ಪರಕೀಯರು ನೂರಾರು ವರ್ಷ ಆಳಿದರು. ನಾಯಕರೆಲ್ಲ ಯೋಚಿಸಿ ನಮ್ಮ ದೇಶವನ್ನು ಸ್ವತಂತ್ರಗೊಳಿಸಲು ಹೋರಾಡಿದರು. ಆ ಸ್ವಾತಂತ್ರ್ಯ ಹೋರಾಟದಲ್ಲಿ ಭಗತ್‌ಸಿಂಗ್, ಚಂದ್ರಶೇಖರ್ ಹಾಗೂ ಲೆಕ್ಕವಿಲ್ಲದಷ್ಟು ಜನರ ಬಲಿದಾನವಾಯಿತು. ಗಾಂಧೀಜಿ, ನೆಹರೂ ಮುಂತಾದ ನಾಯಕರು ಜನತೆಯಲ್ಲಿ ಸ್ಫೂರ್ತಿ ತುಂಬಿದರು. ಈ ಹೋರಾಟದ ಪರಿಣಾಮವಾಗಿ 15ನೇ ಆಗಸ್ಟ್, 1947 ರಂದು ಭಾರತಕ್ಕೆ ಸ್ವಾತಂತ್ರ್ಯ ಲಭಿಸಿತು. ಭಾರತವು ಗಣರಾಜ್ಯವಾದಾಗ ಡಾ|| ಬಾಬು ರಾಜೇಂದ್ರಪ್ರಸಾದ್ ಅವರನ್ನು ಮೊಟ್ಟಮೊದಲ ರಾಷ್ಟ್ರಪತಿಗಳಾಗಿ ಆರಿಸಲಾಯಿತು.

ಪ್ರಶ್ನೆಗಳು :

- ನಮ್ಮ ದೇಶವನ್ನು ನೂರಾರು ವರ್ಷ ಯಾರು ಆಳಿದರು ?
- ನಾಯಕರೆಲ್ಲ ಯೋಚಿಸಿ ಏನು ಮಾಡಿದರು ?
- ಆ ಸ್ವಾತಂತ್ರ್ಯದ ಹೋರಾಟದಲ್ಲಿ ಮುಖ್ಯವಾಗಿ ಯಾರ ಬಲಿದಾನವಾಯಿತು ?
- ಜನತೆಯಲ್ಲಿ ಯಾರು ಸ್ಫೂರ್ತಿ ತುಂಬಿದರು ?
- ಭಾರತದ ಪ್ರಪ್ರಥಮ ರಾಷ್ಟ್ರಪತಿಯಾಗಿ ಯಾರನ್ನು ಆರಿಸಲಾಯಿತು ?

V. a) ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದಕ್ಕೆ ಲಿಂಗ, ವಚನ, ವಿಭಕ್ತಿಗಳನ್ನು ಬರೆಯಿರಿ : $5 \times 1 = 5$

- | | |
|-----------------|--------------|
| 1) ಅಕ್ಕನಲ್ಲಿ | 2) ಪುರುಷರಿಗೆ |
| 3) ಗುರುಗಳು | 4) ಶಾಲೆಯನ್ನು |
| 5) ಅಜ್ಜಿಯಿಂದ | 6) ಕೋಣವೇ |
| 7) ಅವನ ದೆಸೆಯಿಂದ | |

b) ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದಕ್ಕೆ ವಿರುದ್ಧಾರ್ಥಕ ಪದಗಳನ್ನು ಬರೆಯಿರಿ : $5 \times 1 = 5$

- | | |
|---------------|------------|
| 1) ಸಾಧ್ವಿ | 2) ಪಾಪ |
| 3) ತೃಪ್ತಿ | 4) ಪರಿಮಿತಿ |
| 5) ಪ್ರತಿಷ್ಠಿತ | 6) ಯೋಗ್ಯ |
| 7) ನಾಕ | |

c) ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದು ಪದಗಳನ್ನು ಬಿಡಿಸಿ, ಸಂಧಿಯ ಹೆಸರನ್ನು ಬರೆಯಿರಿ : $5 \times 2 = 10$

- | | |
|----------------|------------|
| 1) ಗತ್ಯಂತರ | 2) ಮನಗಾಣು |
| 3) ಕಾವ್ಯಾಕಾಶ | 4) ನೀರಿಲ್ಲ |
| 5) ವಿದ್ವಜ್ಜನರು | 6) ಬಾಲರ್ಷಿ |
| 7) ಪೂರ್ವಾಚಾರ | |

d) ದ್ವಂದ್ವ ಸಮಾಸ ಅಥವಾ ತತ್ಪುರುಷ ಸಮಾಸವನ್ನು ಉದಾಹರಣೆ ಸಹಿತ ವಿವರಿಸಿ. $1 \times 5 = 5$

e) ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದಕ್ಕೆ ತತ್ಸಮ-ತದ್ಭವಗಳನ್ನು ಬರೆಯಿರಿ : $5 \times 1 = 5$

- | | |
|----------|------------|
| 1) ಶ್ರೀ | 2) ರತ್ನ |
| 3) ಕಾವ್ಯ | 4) ಸ್ವರ್ಗ |
| 5) ವನ | 6) ಆಶ್ಚರ್ಯ |
| 7) ರಾಜ | |

f) ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಐದನ್ನು ನಿಮ್ಮ ಸ್ವಂತ ವಾಕ್ಯಗಳಲ್ಲಿ ಉಪಯೋಗಿಸಿ : $5 \times 1 = 5$

- | | |
|-----------|--------------|
| 1) ಭವಿಷ್ಯ | 2) ಆಕಾಂಕ್ಷೆ |
| 3) ಧುಮುಕು | 4) ಸ್ವಾಗತಿಸು |
| 5) ನಿಸರ್ಗ | 6) ಉಪದೇಶ |
| 7) ಉತ್ಸಾಹ | |

VI. ರೂಪಕಾಲಂಕಾರ ಅಥವಾ ಉತ್ಪೇಕ್ಷಾಲಂಕಾರವನ್ನು ಉದಾಹರಣೆ ಸಹಿತ ವಿವರಿಸಿ. $1 \times 5 = 5$

VII. ವಾರ್ಧಕ ಷಟ್ಪದಿ ಅಥವಾ ಸಾಂಗತ್ಯದ ಲಕ್ಷಣವನ್ನು ಬರೆದು, ಉದಾಹರಣೆ ಕೊಡಿ. $1 \times 5 = 5$

=====

8. $P \cup Q = \{5, 11, 14, 17, 19, 20\}$, $P \cap Q = \{14\}$.

If $P = \{5, 11, 14, 17\}$, then $Q =$

- a) $\{17, 19, 20\}$ b) $\{14, 19, 17, 20\}$
c) $\{5, 14, 17, 19, 20\}$ d) $\{14, 19, 20\}$.

9. If $(a, 3)(7, b)$ represents an identity function, then the values of a and b are respectively

- a) $(3, 7)$ b) $(7, 7)$
c) $(3, 3)$ d) $(7, 3)$.

10. If the domain of $f(x) = 3x^2$ is the set $A = \{-2, 0, 1\}$, then the range is

- a) $\{4, 0, 3\}$ b) $\{0, 3, 9\}$
c) $\{3, 9, 27\}$ d) $\{0, 3, 12\}$.

11. If $f(x) = \frac{1}{x}$, $g(x) = -\frac{1}{x}$, then $f \circ g =$

- a) $\frac{1}{x}$ b) $-\frac{1}{x}$
c) $-x$ d) x .

12. The pre-images of 2 under the function

$f = \{(0, 1), (2, 2), (3, 2), (5, 8), (4, 8)\}$ are

- a) 3 and 5 b) 0 and 2
c) 2 and 3 d) 5 and 4.

[Turn over

19. The partial fraction representation of $\frac{x+3}{(x+1)^2}$ is

a) $\frac{A}{(x+1)^2}$

b) $\frac{A}{(x+1)} + \frac{B}{(x+1)^2}$

c) $\frac{Ax+B}{x+1}$

d) $\frac{Ax+B}{(x+1)^2}$

20. If one root of the equation $ax^2 + bx + c = 0$ is negative of the other, then

a) $c = 0$

b) $a = 0$

c) $b = 0$

d) $a = 0$ and $c = 0$.

SECTION - B

II. Answer any ten questions :

$10 \times 2 = 20$

21. Find the $(n+1)^{\text{th}}$ term of the A.P., 45, 41, 37,

22. Find the sum to infinity of the G.P., 10, -9, 8, 1,

23. Evaluate $1 + 4 + 9 + \dots + 225$.

24. Find the height of the cylinder if its curved surface is 352 sq.cm and radius 3.5 cm.

25. The radius and height of a right circular cone are in the ratio 5 : 12. If its volume is 314 cu.cm, find the radius and height of the cone.

26. The circumference of the edge of a hemispherical bowl is 132 cm. Find its radius.

27. Find $A - (B \cap C)$, if $A = \{2, 3, 5, 6, 8\}$, $B = \{2, 4, 7, 9, 10\}$ and $C = \{3, 4, 5, 7, 10, 11\}$.

28. Let $f: A \rightarrow B$, where $A = \{1, 2, 3, 4, 5\}$, $B = \{5, 6, 7, 8, 9, 10\}$ defined by $f(x) = x + 4$. Find the co-domain and range of the function. Identify the function.

29. If $f(x) = 3x - 9$, $g(x) = 7x - 10$, find $g \circ f$.

[Turn over

30. The difference between S.I. and C.I. on a sum of money lent at $3\frac{3}{4}\%$ per annum for 2 years is Rs. 27. Find the sum borrowed.
31. Balu deposits Rs. 100 every month in a bank paying 8% per annum S.I. on recurring deposit. How much will he get at the end of 5 years ?
32. Show that $3z + 10$ is a factor of $9z^3 - 27z^2 - 100z + 300$. Find also the other factors.
33. Simplify : $\frac{x}{x+y} - \frac{y}{x-y}$.
34. The sum of a number and its reciprocal is $2\frac{1}{30}$. Find the number.
35. If one root of the equation $3x^2 - 10x + 3 = 0$ is $\frac{1}{3}$, find the other root.

PART - II

- N. B. : i) This Part contains *four* Sections, **Section - C**, **Section - D**, **Section - E** and **Section - F**.
- ii) **Section - C** and **Section - E** contain *three* questions each. Answer any *two* questions in each Section.
- iii) **Section - D** and **Section - F** contain *four* questions each. Answer any *three* questions in each Section.
- iv) Each question carries *five* marks.

SECTION - C

III. Answer any *two* questions :

$2 \times 5 = 10$

36. Find the 4 numbers in A.P. whose sum is 20 and the sum of whose squares is 120.
37. Find the sum of all 3-digit numbers which are divisible by 9.
38. $S_n = 1 + 4 + 4^2 + \dots$ to n terms. Find the least value of n such that $S_n > 1500$.

SECTION - D

 $3 \times 5 = 15$

IV. Answer any three questions :

39. Using Venn diagram, verify $(A \cap B)' = A' \cup B'$.40. If $P = \{ 3, 4, 5, 6, 8 \}$, $Q =$ set of real numbers and $f: P \rightarrow Q$ is defined by $f(x) = \frac{12}{x-2}$. Represent the function as (i) an arrow diagram, (ii) a set of ordered pairs, (iii) a table and (iv) a graph.41. Joseph borrowed Rs. 62,500 from Murugan at the rate of 8% per annum. If after $1\frac{1}{2}$ years, a dispute arose whether S.I. or C.I. payable half-yearly should be charged, find the amount in dispute.

42. How much should Sneha deposit at the beginning of every month in a bank paying 5% S.I. per annum if she wants to get Rs. 6,636 at the end of 6 years ?

SECTION - E

V. Answer any two questions :

 $2 \times 5 = 10$

43. Water flows through a cylindrical pipe of internal radius 3.5 cm at 5 m/sec. Calculate the volume of water discharged in 1 minute.

44. Find the capacity of a bucket having the radius of the top as 36 cm and that of the bottom as 12 cm. Its depth is 35 cm.

45. The radii of the internal and external surfaces of a hollow spherical shell are 3 cm and 5 cm respectively. If it is melted and recast into a solid cylinder of height $2\frac{2}{3}$ cm, find the diameter of the cylinder.

[Turn over

SECTION - F

VI. Answer any *three* questions : $3 \times 5 = 15$

46. The polynomials $ax^3 + 3x^2 - 3$ and $2x^3 - 5x + a$, when divided by $x - 4$ leave the remainders R_1 and R_2 respectively. Find the value of a when $2R_1 - R_2 = 0$.
47. Find the values of a and b , if $x^4 - 10x^3 + 37x^2 + ax + b$ is a perfect square.
48. Resolve $\frac{4x - x^2 + 3}{(x - 1)^3}$ into partial fractions.
49. If the equation $(1 + m^2)x^2 + 2mcx + (c^2 - a^2) = 0$ has equal roots, prove that $c^2 = a^2(1 + m^2)$.

PART - III

- N. B. : i) This Section contains *two* questions. Answer any *one* question.
ii) Each question carries *ten* marks.

SECTION - G

VII. Answer any *one* question : $1 \times 10 = 10$

50. Draw the graph of $y = x^2 + 2x - 3$ and hence solve the equation $x^2 - x - 6 = 0$.
51. Solve graphically, $x^2 - 5x + 6 = 0$.
-
-

3. If $A = \begin{bmatrix} 3 & 1 \\ 4 & 5 \\ 0 & 2 \end{bmatrix}$, then A^T is

a) $\begin{bmatrix} 1 & 3 \\ 5 & 4 \\ 2 & 0 \end{bmatrix}$

b) $\begin{bmatrix} 0 & 2 \\ 4 & 5 \\ 3 & 1 \end{bmatrix}$

c) $\begin{bmatrix} 3 & 4 & 0 \\ 1 & 5 & 2 \end{bmatrix}$

d) $\begin{bmatrix} 1 & 5 & 2 \\ 3 & 4 & 0 \end{bmatrix}$

4. If the lengths of the corresponding sides BC and QR of two similar triangles ABC and PQR are respectively 6 cm and 10 cm then the ratio of the areas of ΔABC and ΔPQR is

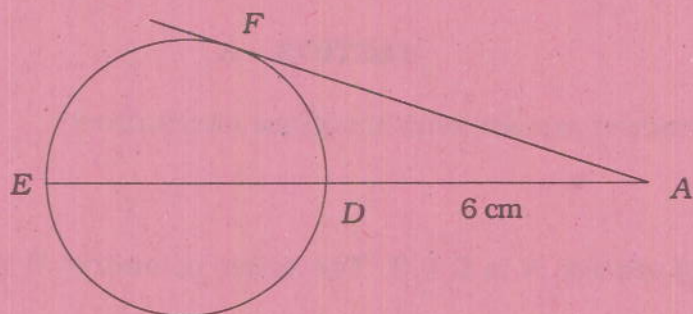
a) 3 : 5

b) 9 : 25

c) 25 : 9

d) 5 : 3.

5. In the diagram, if $AD = 6$ cm, $AF = 12$ cm, then the length of DE is



a) 12 cm

b) 24 cm

c) 18 cm

d) 144 cm.

6. The distance between the centres of two circles is 13 cm and their radii are 8 cm and 3 cm respectively. The length of their direct common tangent is

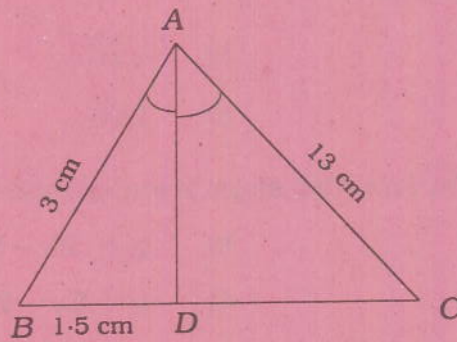
a) 8 cm

b) 5 cm

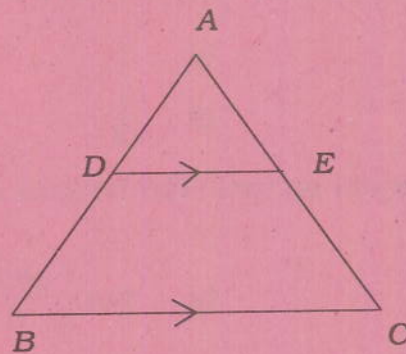
c) 13 cm

d) 12 cm.

7. In the figure, AD is the bisector of $\angle A$, then $DC =$



- a) 6.5 cm
 b) $\frac{13}{3}$ cm
 c) 4.5 cm
 d) none of these.
8. In the figure, $AB = 7$, $AD = 3$ and $AE = 4.5$, then EC is



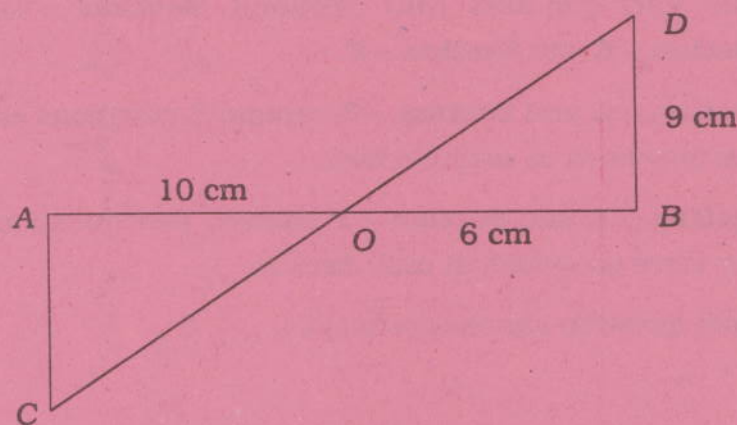
- a) 7
 b) 6
 c) 4.5
 d) 8.
9. The line $2x - 5y - 10 = 0$ meets the y -axis at
- a) $(0, 2)$
 b) $(0, -2)$
 c) $(2, 0)$
 d) $(-2, 0)$.
10. Slope of the line $2x + 3y + 6 = 0$ is
- a) $\frac{2}{3}$
 b) $-\frac{2}{3}$
 c) -2
 d) $\frac{1}{2}$.
11. The lines $y = -3$ and $x = 8$ meet at the point
- a) $(-8, -3)$
 b) $(3, 8)$
 c) $(-3, 8)$
 d) $(8, -3)$.

SECTION - B

Answer any ten questions :

 $10 \times 2 = 20$

21. Construct a 3×3 matrix whose elements are given by $a_{ij} = 2i - j$.
22. If $A = \begin{bmatrix} 0 & 2 & 3 \\ 2 & 1 & 4 \end{bmatrix}$ and $B = \begin{bmatrix} 7 & 6 & 3 \\ 1 & 4 & 5 \end{bmatrix}$, find the value of $2A + 3B$.
23. State Basic proportionality theorem.
24. AB and CD are two chords of a circle which intersect each other externally at P . If $AB = 9$ cm, $BP = 3$ cm and $CP = 9$ cm, find DP .
25. In the given figure CA and DB are perpendicular to AB . If $AO = 10$ cm, $BO = 6$ cm and $DB = 9$ cm, find AC .



26. Find the equation of the straight line perpendicular to the line $4x - 3y + 2 = 0$ and which passes through $(-2, 3)$.
27. Show that the points $(-2, 3)$, $(3, 4)$ and $(8, 5)$ are collinear.
28. Where does the line $x - 3y + 7 = 0$ meet (i) the x -axis, (ii) y -axis.
29. A triangle has vertices at $(3, 4)$, $(1, 2)$ and $(-5, -6)$. Find the slope of its median from $(1, 2)$.
30. Prove that $\frac{\tan^3 \phi - 1}{\tan \phi - 1} = \sec^2 \phi + \tan \phi$.

[Turn over

31. If $\phi = 30^\circ$, verify that $\cos 3\phi = 4 \cos^3 \phi - 3 \cos \phi$.
32. A kite is flying with a thread 200 m long. If the thread makes an angle of 50° with the horizontal, find the height of the kite above the ground.
33. If $A = 30^\circ$, prove that $\tan 2A = \frac{2 \tan A}{1 - \tan^2 A}$.
34. The standard deviation of 7 values is 15. If each value is decreased by 8, find the standard deviation and variance of the new set of values.
35. Find the probability of drawing a red ball from a bag containing 4 white and 6 black balls.

PART - II

- N. B. : i) This Part contains *four* Sections, **Section - C**, **Section - D**, **Section - E** and **Section - F**.
- ii) **Section - C** and **Section - E** contain 3 questions each. Answer any *two* questions in each Section.
- iii) **Section - D** and **Section - F** contain *four* questions each. Answer any *three* questions in each Section.
- iv) Each question carries *five* marks.

SECTION - C

Answer any *two* questions :

$2 \times 5 = 10$

36. Prove that if two triangles have one angle of the one equal to one angle of the other and the sides about the equal angles proportional, then the two triangles are similar.
37. With the vertices of a triangle PQR as centres, three circles are described, each touching the other two externally. If the sides of the triangle are 9 cm, 7 cm and 6 cm respectively, find the radii of the circles.
38. The diagonal BD of a quadrilateral $ABCD$ bisects $\angle B$ and $\angle D$.

Prove that $\frac{AB}{BC} = \frac{DA}{CD}$.

SECTION - D

Answer any *three* questions : $3 \times 5 = 15$

39. If $A = \begin{bmatrix} 1 & -2 \\ -1 & 2 \end{bmatrix}$, show that $A^2 - 3A = 0$.

40. Find X and Y , if $X + Y = \begin{bmatrix} 7 & 0 \\ 2 & 5 \end{bmatrix}$ and $X - Y = \begin{bmatrix} 3 & 0 \\ 0 & 3 \end{bmatrix}$

41. A number is selected at random from 40 to 80. Find the probability that it is divisible by 6 or 9.

42. Find the S.D. of the following :

C-I :	0 - 10	10 - 20	20 - 30	30 - 40
f :	3	4	2	5

SECTION - E

Answer any *two* questions : $2 \times 5 = 10$

43. Prove that $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta} + \frac{\sin \theta - \cos \theta}{\sin \theta + \cos \theta} = \frac{2}{2 \sin^2 \theta - 1}$.

44. If $4 \tan \theta = 5$, evaluate $\frac{2 \cos \theta - 3 \sin \theta}{3 \cos \theta + 2 \sin \theta}$.

45. There are two temples, one on each bank of a river just opposite to each other. One temple is 40 m high. As observed from the top of this temple, the angles of depression of the top and the foot of the other temple are $12^\circ 30'$ and $21^\circ 48'$ respectively. Find the width of the river and the height of the other temple in metres approximately.

[Turn over

SECTION - FAnswer any *three* questions : $3 \times 5 = 15$

46. Find the area of the quadrilateral $PQRS$, given $P(5, -2)$, $Q(3, 4)$, $R(4, -7)$ and $S(1, 1)$.
47. Find the equation of the perpendicular bisector of the line joining the points $(1, 3)$ and $(-2, 2)$.
48. Find the equation of the line through the intersection of lines $3x + 2y = 8$, $5x - 11y + 1 = 0$ and parallel to the line $6x + 13y = 5$.
49. Obtain the equation of the line which is concurrent with the lines $x - y - 2 = 0$ and $3x + 4y + 15 = 0$ and is perpendicular to the line joining the points $(2, 3)$ and $(1, 1)$.

PART - III

- N. B. :
- i) This part contains **Section - G**.
 - ii) Answer any *one* question.
 - iii) Each question carries *ten* marks.

SECTION - GAnswer any *one* question : $1 \times 10 = 10$

50. Draw a circle of radius 4 cm. Take a point P outside the circle without using the centre of the circle, draw two tangents to the circle from the point P . Measure the lengths of the tangents and verify it.
51. Construct a ΔPQR in which $PQ = 6$ cm, $m\angle R = 50^\circ$ and the median through R is 5.5 cm. Find the length of the altitude from R .
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3902

Register
Number

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Language — TELUGU — Paper I
(Poetry, Grammar, Prosody and Poetics)

Time Allowed : 2 $\frac{1}{2}$ Hours]

[Maximum Marks : 100

Part — A (Marks : 65)

(Poetry)

- I. a) 'ఫలభ్రాంతి' లేదా 'బొబ్బిలి రంగారావు' అను పద్యభాగమును రచించిన కవి ఎవరు ?
అతని కాలము, బిరుదుములు, ఇతర రచనలను గూర్చి వివరముగా వ్రాయుము. $1 \times 5 = 5$
- b) ఈ క్రింది పద్యములలో ఒకదానికి ప్రతిపదార్థ తాత్పర్యమును వ్రాయుము : $1 \times 5 = 5$
- 1) అంతటిలోన నీతడుదయాద్రి పయిన్ బొడతెంచు పద్మినీ
కాంతు జపాప్రసూనరుచి కాంతు గ్రనుంగొని పండటంచు వి
భ్రాంతి వహించి, యాకటి తొరన్ రవిపై కెగిసెన్ సమీర నా
గాంతక బాణ వేగ పరిహాస సమిద్ధ మహా జవోన్నతిన్.
- 2) లావు గలంత కాలము దొలంగక తాక్పితి బెక్కు భంగులన్
జీవన భారమిప్పు ముదిసెందల యంటు బరోక్ష సాధనా
భావము నెమ్మదా దలచి భవ్య పథంబున నిశ్చితాత్ముడై
యావసు ధామరుం డరిగె నయ్యవు నాశినియైన కాశికిన్.
- II. a) ఈ క్రింది ప్రశ్నలలో ఆరింటికి పదేసి పంక్తులలో సమాధానములు వ్రాయుము :
 $6 \times 5 = 30$
- 1) విప్రుడు చూసిన పుణ్య తీర్థముల విశేషములను వివరించుము.
- 2) గాందీజీ మరణమును గూర్చి కవి ఎట్లు వర్ణించెను ?
- 3) భువన విజయ మహాసభ ఎట్లుండెనని కవి వర్ణించెను ?
- 4) ఆకాశవాణి యాత్రికులను నిరుత్సాహపరచిన విధమెట్టిది ?
- 5) రిపు సేనలు రంగనాయని రాజ్యపాలనకు ఏ విధముగా భంగము కలిగించిరి ?

[Turn over

- 6) శుక్రుడు తారకాసురునితో ఏమని పలికెను ?
- 7) అక్షరమును గూర్చి గీతలో ఏమని వచింపబడినది ?
- 8) వైష్ణవ యాగమును గూర్చి ప్రజలెట్లు పొగడిరి ?
- 9) హనుమంతుని చూచి రాహువు కోపించి ఏమి చేసెను ?
- 10) హనుమంతుడు ఆకాశమునకు ఎగిరినప్పుడు ఏమయినది ?

b) ఈ క్రింది వానిలో రెండింటికీ సందర్భ వ్యాఖ్యాలు వ్రాయుము :

2 × 3 = 6

- 1) పాండు రుచి మించినది యీ - పండు హరింతు
- 2) కొత్త కస్తూరిని దక్కక రేకలు పెట్టికోయనన్.
- 3) సిద్ధపరచె ధర్మబద్ధుడగుచు.
- 4) మదకరికి సిళ్ళు సూపిన భంగిన్.

c) ఈ క్రింది పద్యములలో ఏవేని ఒకదానిని పాదభంగము లేక వ్రాయుము :

1 × 4 = 4

- 1) ఒడయడు నా శశి తారకంబుగన్.
- 2) 'హా రామా' నిర్జీవమై.
- 3) సారోద్ధార విభూతియై నత్యున్నతిన్ భూవరా !

III. a) ఈ క్రింది పదములలో ఐదింటికీ అర్థములు వ్రాయుము :

5 × 1 = 5

- 1) బంధములు
- 2) సాత్వికంబు
- 3) యుధిష్ఠిరుడు
- 4) అర్థి
- 5) భద్రగజము
- 6) సమీరము
- 7) వాసము
- 8) యశస్వి
- 9) ఉత్సుక
- 10) రుతము

b) ఈ క్రింది పదములలో ఐదింటికి నానార్థములు వ్రాయుము :

5 × 1 = 5

- | | |
|------------|-----------|
| 1) కర్ణము | 2) పన్ను |
| 3) ధైత్రము | 4) దళము |
| 5) శాంతి | 6) భర్త |
| 7) కేసరి | 8) అంబరము |
| 9) అని | 10) శక్తి |

c) ఈ క్రింది వానిలో ఐదింటికి ప్రకృతికి వికృతులు, వికృతికి ప్రకృతులను వ్రాయుము :

5 × 1 = 5

- | | |
|------------|-------------|
| 1) అక్కరము | 2) ఛాయ |
| 3) శ్రీ | 4) చందురుడు |
| 5) పురము | 6) రతనము |
| 7) శిశువు | 8) పుష్పము |

Part — B (Marks : 25)

(Grammar)

IV. a) ఈ క్రింది పదములలో ఐదింటిని విడదీసి, వ్యాకరణ సూత్రములతో వివరింపుము :

5 × 3 = 15

- | | |
|----------------|------------------|
| 1) కలను సెప్పి | 2) ఏమేమి |
| 3) మంధాద్రి | 4) తద్విజయాధిపతి |
| 5) ఇచ్చోటు | 6) వజ్రాసనము |
| 7) మహితోద్యమము | 8) కోమలాంగులు |

b) ఈ క్రింది వానిలో ఐదింటికి విగ్రహవాక్యములు వ్రాసి, అవి ఏ సమాసములో తెలుపుము :

5 × 2 = 10

- | | |
|-------------------|-----------------|
| 1) నల్వరింతలు | 2) భద్రగజము |
| 3) పద్మినీకాంతుడు | 4) కరిపురము |
| 5) రెండు తెలుగులు | 6) దేశకాలము |
| 7) బొబ్బిలి కోట | 8) పర్వత శిఖరము |

[Turn over

Part — C (Marks : 10)**(Prosody and Poetics)**

V. ఈ క్రింది పద్యపాదమును గణవిభజన గావించి, యతి ప్రాసలను గుర్తించి, అది ఏ పద్యపాదమో నిర్ణయింపుము. 5

సదృఢోదాత్త విలక్షణ ప్రతిభ సత్సాత్రమ్ముగా నాంధ్ర శా

VI. ఈ క్రింది వానిలో ఒక అలంకారమునకు లక్షణము తెలిపి, ఉదాహరణము నిమ్ము : $1 \times 5 = 5$

1) అతిశయోక్తి

2) ఛేకాను

3) ఉపమ

