

FA-4 (2016-2017)
CLASS X
SUBJECT : FRENCH

19/11/17
(BB)

Time : 2 Periods

M.M. : 20

Q. 1. Mettez les verbes au subjonctif (4)

- (a) Je veux que vous _____ (faire) le travail à l'heure.
- (b) Elle me suggère que je _____ (acheter) un stylo noir.
- (c) Il faut que nous _____ (aller) à l'école aujourd'hui.
- (d) Il est obligatoire que ta sœur _____ (obtenir) de bonnes notes.

Q. 2. Mettez au style indirect: (5)

- (a) Nicolas à Valerie
- (i) qu'est-ce qui se passe?
- (ii) peux-tu lire le visage?
- (b) mère à toi—
- (i) veux-tu manger des fruits?
- (ii) informe-ton Professeur!
- (iii) pourquoi restes-tu dans le salon?

Q. 3. Répondez aux questions. (4)

- a) Nommez le président et le premier ministre de la France.

b) Ecrivez deux responsabilités de président français.

Q. 4. Complétez avec le conditionnel passé:

(a) Elles _____ (venir)

(b) Patrik _____ (se promener)

Q. 5. Complétez avec le gérondif ou Participe Présent: (5)

(a) Je n'aime pas les gens (jeter) des papiers par terre.
(jettant/jetons/jetout)

(b) Elle me téléphone (écrire) une lettre (En écrivons/En écrivant/en écrians)

(c) (avoir) sommeil, je me suis couché tôt. (avons/ayant/avons)

(d) Il consulte son agenda (manger) son dîner.
(en mangeant/en mangeons/en mangeant)

(e) Ma mère admire la pluie (tomber) doucement.
(tombent/tombant/tombons)

19/1/17

चतुर्थ इकाई परीक्षा (2016-2017)

BB

कक्षा—दसवीं

विषय : हिन्दी

Time : 1 घण्टा

M.M. : 20

निर्देश:—

- (1) प्रत्येक प्रश्न अनिवार्य है।
 - (2) यथासंभव क्रमानुसार ही उत्तर दीजिए।
- प्र. 1. निम्नलिखित प्रश्नों के उत्तर पठित पाठ के आधार पर दीजिए।
(2+2+1=5)
- (क) ख्यूक्रिन ने ओचुमेलाव को उँगली ऊपर उठाने का क्या कारण बताया ?
 - (ख) येल्दीरीन ने ख्यूक्रिन को दोषी ठहराते हुए क्या कहा ?
 - (ग) ओचुमेलाव किसे मज़ा चखवाना चाहता था और क्यों ?
- प्र. 2. निम्नलिखित प्रश्नों के उत्तर पठित दोहों के आधार पर दीजिए।
(2+2+1=5)
- (क) छाया भी कब छाया ढूँढने लगती है ?
 - (ख) मनौ नीलमनि-सैल पर आतपु पर्यो प्रभात—कथन का भाव स्पष्ट कीजिए।
 - (ग) कवि ने बाह्य आडंबर किसे कहा है और इश्वर-भक्ति के लिए किसे अनिवार्य माना है ?
- प्र. 3. (क) रचना के आधार पर वाक्य की पहचान कीजिए। (1)
घर जाओ और अपना गृहकार्य पूरा करो।

(ख) निर्देशानुसार वाक्य परिवर्तन कीजिए। (3)

(i) अपराधी को सज़ा मिली। (मिश्र वाक्य में)

(ii) आप अंदर बैठकर देर तक बातें करें। (संयुक्त वाक्य में)

(iii) मैं तुम्हारे पास आने वाले अधिकारों को जानता हूँ। (मिश्र वाक्य में)

प्र. 4. (क) समास-विग्रह कर भेद का नाम लिखिए। (2)

(i) राजपुत्र

(ii) मुखचंद्र

(ख) समस्त पद बनाकर समास का नाम लिखिए। (2)

(i) महान् है जो आत्मा

(ii) मनगढ़ंत

प्र. 5. निम्नलिखित मुहावरों का वाक्य में इस प्रकार प्रयोग कीजिए कि उनका अर्थ स्पष्ट हो जाए। (2)

(i) छुट्टी कर देना

(ii) त्योंरियाँ चढ़ाना

FA-4 (2016-2017)

BB

CLASS X

SUBJECT : GENERAL SCIENCE

Time : 1 Hour

M.M. : 20

General Instructions:

1. All questions are compulsory.
2. Marks are indicated against each question.

PHYSICS

- Q.1 The radius of curvature of a spherical mirror is 30 cms. What is its focal length? (1)
- Q.2 Give two uses of concave mirror. (1)
- Q.3 The refractive index of glass and water with respect to air are $\frac{3}{2}$ and $\frac{4}{3}$ respectively. What will be the refractive index of water with respect to glass? (2)
- Q.4 Draw the ray diagram for the following case of CONVEX LENS "Object placed beyond $2F_1$ in front of a convex lens." Also mention the nature, size and position of the image formed. (3)

BIOLOGY

- Q.1 Where does the human embryo develop? Name the special structure through which the embryo obtains its nourishment. (1)
- Q.2 How is fission different in Amoeba and Leishmania? (1)

X/General Science

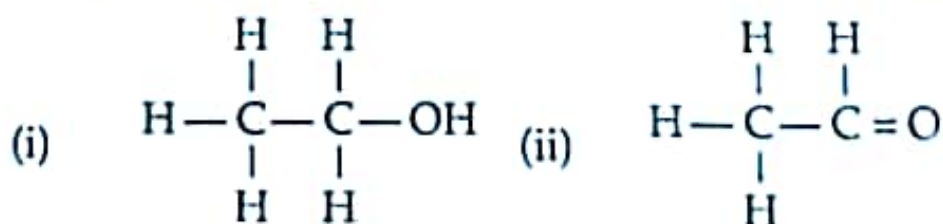
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P.T.O.

- Q.3 What is the importance of DNA copying in reproduction? (1)
- Q.4 Give the function of the following: (2)
- a) Testes b) Oviduct
- Q.5 a) Write the difference between pollination and fertilization. (2)
- b) Draw the diagram to show germination of pollen on the stigma.

CHEMISTRY

- Q. 1. Carbon forms large number of compounds. Why? Give 2 reasons. (1)
- Q. 2. Write 2 isomers for the molecular formula C_4H_{10} . (1)
- Q. 3. Write name or molecular formula of first member of alkane and alkene series. (1)
- Q. 4. Identify the functional groups in the following compounds and name them: (1)



- Q. 5. Draw electron dot structures for: (1)
- (i) Carbon dioxide (ii) Nitrogen gas
- Q. 6. Write 2 properties of co-valent compounds. (1)

10/1/17
FA-4 (2016-2017)

BB

CLASS X

SUBJECT : FIT

Time : 2 Periods

M.M. : 20

- Q1. What is an unordered list? Support your answer with example and output. (2)
- Q2. (a) What is wrong with following coding? (2)
- (i) `<OL type = "a" start = "d">`
- (ii) `<UL type = "a" start = 4>`
- Q3. What is an ordered list? Give the table for different types of numbering available in an ordered list. Also support your answer with example and output? (3)
- Q4. Give an example of a nested list along with its coding. (3)
- Q5. Give the tag to insert an image in an HTML document? Also discuss 3 attributes of this tag with their format? (3)
- Q6. Can we align an image to the center of the webpage with the help of align attribute. Explain with format. (2)

Q7. MCQ (Choose the correct answer) Write complete statements with options.

(a) In an ordered list, the ordering is given by a numbering scheme using-

- (i) Arabic numbers (ii) Letters
(iii) Roman numbers (iv) All of the above.

(b) An _____ list is used for items in which the ordering is not specific.

- (i) Ordered (ii) Unordered
(iii) Description (iv) None of these.

(c) Closing of is -

- (i) Compulsory (ii) Optional
(iii) May be required (iv) None of these.

Q8 (a) Write HTML code to set the image "Pen.jpg" stored in "My Pictures" folder in C:\ in the html document using IMG tag. (2)

(b) Write HTML tag/coding for giving attributes to display text "The Pyramids of Egypt" for the image ABC.jpg.

FA-4 (2015-2016)

29/12/16
BB

CLASS X

SUBJECT : ENGLISH

Time : 1 Hour

M.M. : 20

Q1. Read the following passage carefully. (5 marks)

1. Papaya is the healthiest fruit with a list of properties that is long and exhaustive. Papaya favours digestion as well as cures skin irritation and sun burns. You can munch on it as a salad, have it cooked or boiled or just drink it up as milkshake or juice. The most important of these virtues is the protein-digesting enzyme in the milky juice or latex. The enzyme is similar to pepsin in its digestive action and is said to be so powerful that it can digest 200 times its own weight in protein. It assists the body in assimilating the maximum nutritional value from food to provide energy and body-building materials.
2. Papain in raw papaya makes up for the deficiency of gastric juice and fights excess of unhealthy mucus in the stomach, dyspepsia and intestinal irritation. The ripe fruit, if eaten regularly corrects habitual constipation, bleeding piles and chronic diarrhoea. The juice of the papaya seeds also assists in the above-mentioned ailments.
3. The juice, used as a cosmetic, removes freckles or brown spots due to exposure to sunlight and makes the skin smooth and delicate. A paste of papaya seeds is applied in skin diseases like those caused by ringworm. The black seeds of the papaya are

X/English

1

P.T.O.

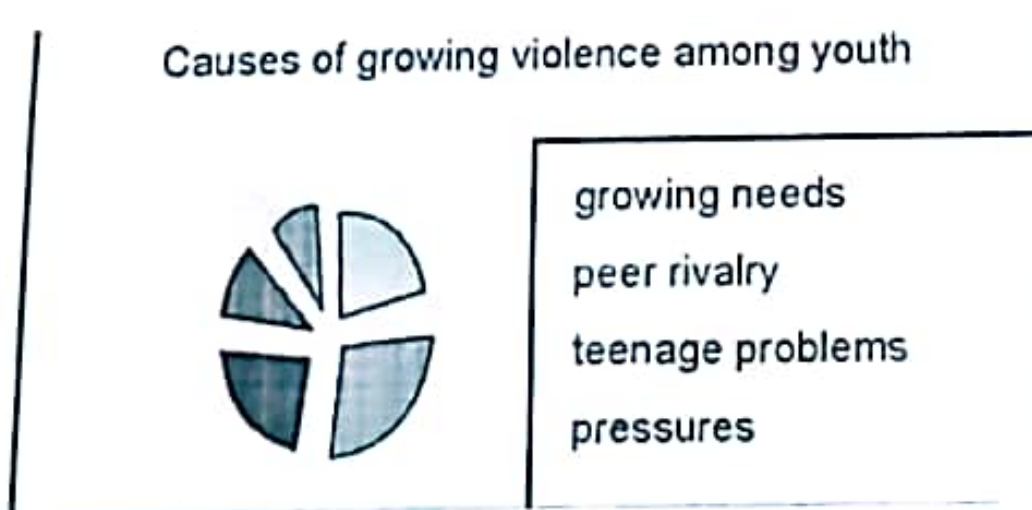
highly beneficial in the treatment of cirrhosis of the liver caused by alcoholism, malnutrition, ²⁰¹ A tablespoonful of its juice, combined with a hint of fresh lime juice, should be consumed once or twice daily for a month. The fresh juice of raw papaya mixed with honey can be applied over inflamed tonsils, for diphtheria and other throat disorders. It dissolves the membrane and prevents infection from spreading.

Answer the following questions by selecting the most appropriate options from the ones given below: (1×5=5)

- (a) One of the most important virtues of pepsin is that:
- (i) it is found in papaya.
 - (ii) it can digest large quantities of protein.
 - (iii) it cures constipation.
 - (iv) it can treat a damaged liver.
- (b) Intestinal irritation can be overcome by:
- (i) eating ripe papaya salad.
 - (ii) drinking papaya juice.
 - (iii) eating raw papaya.
 - (iv) chewing the seeds of the fruit.
- (c) Throat disorders can be cured if:
- (i) one applies honey and the juice of a raw papaya on it.
 - (ii) one drinks the juice of a raw papaya.
 - (iii) one eats ripe papaya mixed with honey.
 - (iv) one drinks the juice of ripe papaya with honey.
- (d) 'The juice can be used as a cosmetic' means:
- (i) the juice has medicinal properties.

- (ii) the juice can be used to rectify physical defects.
 - (iii) the juice can be used to treat internal diseases.
 - (iv) the juice can be used to make the skin look more attractive
- (e) The fact that papaya is a versatile fruit is evident from:
- (i) the fact that it can be drunk as a milkshake.
 - (ii) the fact that it can be eaten as a salad, cooked, boiled or just drunk.
 - (iii) the fact that its seeds can be applied on the skin.
 - (iv) the fact that it can be eaten, drunk and also used externally.

Q2. Rising violence among youth is a cause for concern. A recent survey listed the reasons for this trend. Study the following graph showing causes for the growing violence against others and against self. Write a paragraph based on the available data in 80-100 words. (3 marks)



Q3. I have never believed in the paranormal whatsoever until that night when I met the grey haired man with glittering eyes and hypnotizing gaze..... Complete the story in about 120 words. Give a suitable title. (6 marks)

Q4. Look at the words and phrases below. Rearrange them to form meaningful sentences as shown. (1×2= marks)

streets /during elections, / supporters of political parties/ the/ shouting slogans / in /we can see.

During elections, we can see supporters of political parties shouting slogans in the streets.

a. on foot/ the/ greeting/ candidates/ walk/ the/ even / people.=

b. opportunity/ they/ the/ of / catch/ shaking hands/ anyone/ meet/ they/ with.

Q5. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction against the correct blank number in your answer sheet. The first one has been done for you as an example. (8×½ = 4 marks)

	Incorrect	Correct
The passenger were waiting at	e.g. passenger	passengers
the station when five policemen rushing	(a) _____	_____
into difference compartments of a	(b) _____	_____
train. After sometimes one of them	(c) _____	_____
comes out with two young men	(d) _____	_____
and soon another policeman joined her.	(e) _____	_____
The men which had been arrested	(f) _____	_____
was been caught for a theft.	(g) _____	_____
They had stealed two cars.	(h) _____	_____

Time : 1 Hour

M.M. : 20

- Find the distance between the points: (a, b) and $(-a, -b)$ (2)
- In fig. 'A', $\triangle ABC$ is circumscribing a circle. Find the length of AB. (2)

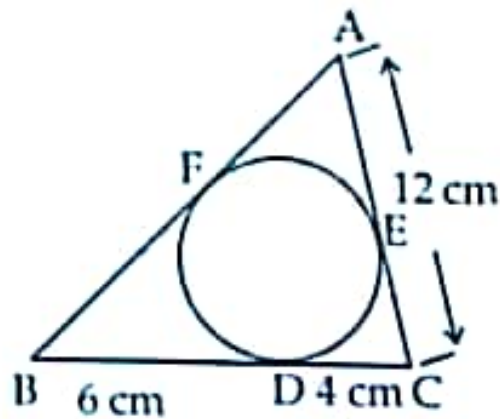


Fig. 'A'

- Find the value of k for which the points are Collinear: $(7, -2), (5, 1), (3, k)$. (2)
- Find the ratio in which the line segment joining the points $A(3, -3)$ and $B(-2, 7)$ is divided by x -axis. Also, find the co-ordinates of the point of division. (3)

5. In fig. 'B', XY and $X'Y'$ are two parallel tangents to a circle with centre O and another tangent AB with point of contact C , intersecting XY and A and $X'Y'$ at B . Prove that $\angle AOB = 90^\circ$. (3)

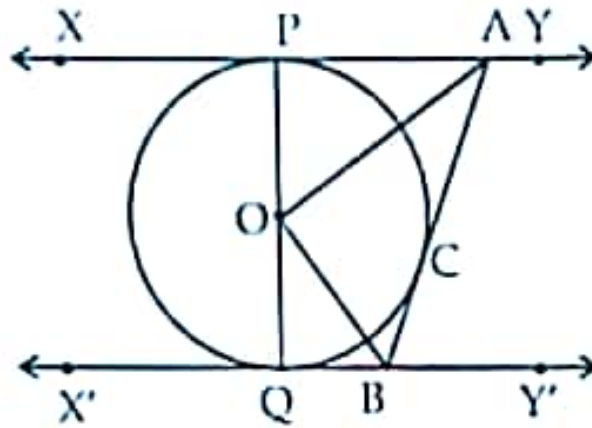


Fig. 'B'

6. Find the area of the triangle formed by joining the mid-points of the sides of the triangle whose vertices are $(2, -4)$, $(6, 2)$ and $(-4, 6)$. (4)
7. "Tangents drawn from an external point to the circle are equal in length". Prove it. (4)

FA-4 (2015-2016)

22/12/2016

BB

CLASS X

SUBJECT : SOCIAL STUDIES

Time : 1 Hour

M.M. : 20

General Instructions:

- Attempt all questions
- Marks to each question are given alongside the question
- Attempt the question according to the sections they are divided in.

HISTORY

- Q1. Define the term Liberalism. 1
- Q2. What was 'Romanticism?' 1
- Q3. Who were called the Junkers in Prussia? 1
- Q4. What were the obstacles in the process of unification of Italy? Cite two reasons. 2

POLITICAL SCIENCE

- Q1. Distinguish between sectional interest groups and public interest groups. 1
- Q2. Give any two interactions between political parties and pressure groups explaining their relationship. 2
- Q3. Fill in the blanks using appropriate word(s).
($\frac{1}{2} \times 4 = 2$)
- a. _____ groups often employ professional lobbyists or sponsor expensive advertisements.
- b. _____ is an example of a single issue movement.

X/Social Studies

1

P.T.O.

- c. _____ is the organization which led the popular movement in Nepal.
- d. _____ movements seek to achieve a broad goal in the very long term

ECONOMICS

- Q1. How do banks earn their income? 1
- Q2. What is meant by 'double coincidence of wants?' 1
- Q3. What are Self-help groups? 1
- Q4. Fill in the blanks using appropriate word(s). ($\frac{1}{2} \times 4 = 2$)
- a. The _____ supervises the functioning of formal loans in India.
- b. Majority of rich households avail loans from the _____ sector.
- c. Compared to the formal lenders, most of the informal lenders charge a much _____ rate of interest on loans.
- d. Absence of _____ is one of the major reasons which prevents the poor from getting bank loans.

GEOGRAPHY

- Q1. Write any two problems being faced by the cotton textile industries in India. 1
- Q2. Name the region in India where jute mills are located. 1
- Q3. Give two classifications based on Capital investment. 1
- Q4. Name the physical and human factors which affect the location of an industry. Explain any one. ($\frac{1}{2} + \frac{1}{2} + 1 = 2$)

OR

"Agriculture and industry are not exclusive of each other." Explain by giving suitable examples. (1+1=2)