



DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019

SUBJECT – INFORMATION & COMMUNICATION TECHNOLOGY(ICT)

Class : VIII
Date : 11.02.2019

Max. Marks : 30
Time : 1½ Hrs.

- 1) **Fill in the blanks.** **1x3=3**
- a) _____ HTML elements defines a horizontal row of the Cell.
 - b) _____ is a computer network that spans an area of a building.
 - c) The media group of buttons has the _____ component.
- 2) **Answer the following questions.** **2x3=6**
- a) How will you arrange the clips in the Timeline?
 - b) Which mode allows you to split a clip? Write the steps to remove the transition.
 - c) What is the disadvantages of Co-axial cable?
- 3) **Answer the following questions.** **3x3=9**
- a) Name the tag used for creating links. What is the difference between `<TD>` & `<TR>` tags.
 - b) What is MAN ? Write the advantages and disadvantages of the BUS topology.
 - c) What is Plagiarism and how you will avoid it ? What is computer ethics?
- 4) **Answer the following questions.** **4x3=12**
- a) What is phishing and What is the difference between Hackers & Crackers?
 - b) What is an App? What are the two ways to build an App in MIT App Inventor?
 - c) What is computer network? Mention any two advantages of a computer network.





दिल्ली-पब्लिक-स्कूल, भिलाईनगरम्

वार्षिकी परीक्षा - 2019

विषय: - संस्कृतम्

कक्षा - अष्टमी

दिना 27.02.2019

पूर्णाङ्कः 40

समयः 1:30 होरा

परीक्षार्थिनः नाम - कक्षा/वर्गः अनुक्रमाङ्कः

निर्देशः - सर्वे प्रश्नाः अनिवार्याः।

प्रश्न 01. अधोलिखितं गद्यांशं पठित्वा प्रश्नानाम् उत्तराणि लिखत-

सूर्योऽचलः पृथिवी च चला, या स्वकीये अक्षे घूर्णति इति साम्प्रतं सुस्थापितः सिद्धान्तः। अयं सिद्धान्तः येन प्रवर्तितः, सः आसीत् महान् गणितज्ञः ज्योतिर्विद् च आर्यभटः। तेन "आर्यभटीयम्" इति ग्रन्थं त्रयोविंशतितमे वर्षे विरचितः। अनुमीयते यत् आर्यभटस्य वेधशाला पाटलिपुत्रस्य समीपे आसीत्। आर्यभटस्य योगदानं गणितज्योतिषि आसीत्। यदा पृथिव्याः छायापातेन चन्द्रस्य प्रकाशः अवरुद्ध्यते, तदा चन्द्रग्रहणं भवति। आर्यभटः गणितपरम्परायाः विज्ञानपरम्परायाः च एकः शिखरपुरुषः आसीत्।

(1) एकपदेन उत्तरत् (प्रश्नद्वयम्)- (1)

(i) महान् गणितज्ञः कः आसीत् ?

(ii) का चला अस्ति ?

(iii) "आर्यभटीयम्" केन लिखितम् ?

(2) पूर्णवाक्येन उत्तरत् (प्रश्नद्वयम्)- (2)

(i) आर्यभटस्य वेधशाला कुत्र आसीत् ?

(ii) पृथिवी कुत्र घूर्णति ?

(iii) विज्ञानपरम्परायाः शिखरपुरुषः कः आसीत् ?

प्रश्न 02. मञ्जूषातः पदानि चित्वा रिक्तस्थानानि पूरयत। (3)

मञ्जूषा - बलवन्तं, पक्षिराजः, पृथिवी, सूर्यः, चला, नौकाम्

(क) स्वकीये अक्षे घूर्णति।

(ख) न बाधते शीतम्।

(ग) पूर्वदिशायाम् उदेति।

(घ) वृक्षाग्रवासी न च

(ङ) मानवः स्थिरामनुभवति।

(च) सूर्यः अचलः, पृथिवी च अस्ति।

प्रश्न 03. विलोमपदानि चित्वा लिखत- (3)

उपरि - परकीयम्

स्थिरः - अस्तः

स्वकीयम् - प्रदानम्

अंधकारः - अस्थिरः

आदानम् - नीचैः (अधः)

उदयः - प्रकाशः

प्रश्न 04. प्रश्नानाम् उत्तराणि पूर्णवाक्येन लिखत- (प्रश्नचतुष्टयम्) (4)

(1) महाराष्ट्रस्य प्रथमा महिला शिक्षिका का आसीत् ?

(2) मृत्तिकायां किं वस्तु न कदापि विनश्यति ?

(3) बालः कुत्र विलपिष्यति ?

Contd...2

(4) अस्माकं प्रथमोपग्रहस्य नाम किम् आसीत् ?

(5) कूपः कीदृशः अस्ति ?

प्रश्न 05. "आम्" अथवा "न" इति लिखत-

(2)

(1) कातरो युद्धे युद्ध्यते।

(2) तक्रं शक्रस्य दुर्लभम्।

(3) गजानां (करिणां) कुलं सिंहः हन्ति।

(4) कस्तूरी मृगात् जायते।

प्रश्न 06. यथापेक्षितं सन्धिं/सन्धिविच्छेदं कुरुत (केवलं 4)

(2)

(i) सूर्य + अचलः = । (ii) तथा + एव =

(iii) सु + उक्तिः = । (iv) तस्य + अस्ति =

(v) ग्रन्थोऽयम् =

प्रश्न 07. उचित-संख्यापदैः रिक्तस्थानानि पूरयत- (केवलं 06)

(03)

(i) मञ्चस्य अधः (70) जनाः तिष्ठन्ति। (सप्ततिः/सप्तदश/)

(ii) मम (2) हस्तौ स्तः। (द्वौ/द्वयम्)

(iii) मन्दिरे (65) भक्ताः नमन्ति। (पञ्चषष्टिः/पञ्चनवतिः)

(iv) आकाशे (87) खगाः उड्डयन्ति। (सप्ताशीतिः/सप्तविंशतिः)

(v) मार्गे (25) गजाः भ्रमन्ति। (पञ्चविंशतिः/पञ्चदशः)

(vi) क्रीडाक्षेत्रे (91) बालकाः खेलन्ति। (नवविंशतिः/एकनवतिः)

(vii) पञ्चाशत् पञ्चाशत् च मिलित्वा (100) भवति। (शतम्/शत)

प्रश्न 08. धातुं प्रत्ययं च योजयित्वा पृथक् कृत्वा वा लिखत- (केवलं 08)

(04)

(क) चल + तुमुन् = । (ख) हस् + क्त्वा =

(ग) पठितवान् = + । (घ) सेव् + शानच् =

(ङ) धाव् + क्तवतु = । (च) खादितुम् =

(छ) खेलित्वा = + । (ज) याचमानः =

(झ) हस् + क्तवतु = । (ञ) चल + क्त्वा =

प्रश्न 09. उचित विभक्तिपदैः रिक्तस्थानानि पूरयत - (केवलं 06)

(03)

(1) परितः बालिकाः भ्रमन्ति। (उद्यानम्/उद्यानस्य)

(2) विना जीवनम् असम्भवम्। (जलः/जलेन/जलात्)

(3) नमः। (श्रीकृष्णाय/श्रीकृष्णः)

(4) बालकः न बिभेति। (सर्पात्/सर्पम्)

(5) अन्तः छात्राः लिखन्ति। (कक्षायाः/कक्षायाम्)

(6) अहं शीघ्रं प्रति गच्छामि। (वनम्/वनस्य)

(7) उपरि वानराः कूर्दन्ति। (वृक्षस्य/वृक्षम्)



DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019
SUBJECT – GENERAL KNOWLEDGE

Class : VIII
Date : 14.02.2019

Max. Marks : 50
Time : 1½ Hrs.

Name : Roll No. Class/Sec.

Invigilator's Signature.....

General Instructions:

1. There are 50 questions in all.
2. Each question carries 1 mark.
3. Write the answers in the space provided.

1. Name the following inspiring personalities: (1x5=5)

- (a) He is an American President, who was paralysed from waist down in 1921, led America through two of the worst periods of American history – The Great Depression and the World War II in spite of his disability. _____
- (b) Blind nearly from birth, he is a well known American singer, song composer and multi instrumentalist. He has received 22 Grammy Awards, the most ever given to a male solo artist. _____
- (c) He was the ruler of North Korea. He showed off his country's nuclear power by conducting two rounds of missile test on 5 July 2006. _____
- (d) He was the first General Secretary of the Communist Party of the Soviet Union. During his regime, famine affected the Soviet Union. _____
- (e) He was a British Physicist, well known for his theories on Black Hole. He was completely paralysed since the age of 21. _____

2. Name the places where these famous buildings are located: (1x5=5)

- (a) Houses of Parliament _____
- (b) Opera House _____
- (c) White House _____
- (d) Burj Khalifa _____
- (e) Luxembourg Palace _____

3. Name the medical scientists who have invented the following things : (1x5=5)

- (a) **Insulin for diabetes**
(i) Stephen Hawking (ii) Marie Curie (iii) Jonas Salk (iv) Louis Pasteur
- (b) **Penicillin**
(i) Adam Smith (ii) Alexander Fleming (iii) Albert Sabin (iv) Selman Waksman
- (c) **Rabies Vaccine**
(i) Louis Pasteur (ii) Willem Einthoven (iii) Alexander Fleming (iv) Edward Jenner
- (d) **Streptomycin**
(i) James Watt (ii) Selman Waksman (iii) Jonas Salk (iv) Marie Curie
- (e) **Polio Oral Vaccine**
(i) Issac Newton (ii) Edward Jenner (iii) Albert Sabin (iv) Adam Smith

4. Write the names of the languages according to their descriptions : (1x5=5)

- (a) The language containing the most words _____
- (b) An ancient language that is the basis of most Indian languages _____
- (c) The language with least letters _____
- (d) The oldest system of writing ' word pictures ' (sacred carving) _____
- (e) The language with most letters _____

5. Match the following :

(1x5=5)

(a) Paraffin	1. She led the revolt at Lucknow.
(b) Formaldehyde	2. An English poet and influential leader of romantic movement.
(c) Begum Hazrat Mahal	3. She was one of the bravest leaders of the Indian rebellion of 1857.
(d) Rani Laxmi Bai	4. This chemical is derived from petroleum.
(e) Percy Bysshe Shelly	5. This chemical kills small bacteria present in our teeth.

6. Name the following dance forms of the world :

(1x5=5)

- (a) This dance first emerged in Bronx and developed in New York city in the 1970s. _____
- (b) This is a dance form originated in Argentina. It is graceful and requires large space. _____
- (c) It is a lively rhythmical dance of Brazilian origin. This dance is set on fast music. _____
- (d) This is a very sporty, competitive form of dance, designed to be performed on fast music. _____
- (e) It is a novel dance originated on the island of Trinidad (West Indies). _____

7. Name the following rare and amazing geological wonders of the world:

(1x5=5)

- (a) It is a red – rock stunner on the border of Arizona and Utah (USA). _____
- (b) This is called “Cotton Castle “or“White Castle“. This Beautiful palace in Turkey has 17 hot springs, heated by an underground Volcano. _____
- (c) It is the most astonishing Submarine sinkhole found on the earth, located off the coast of Belize (Central America). _____
- (d) It is the most beautiful river in the world. It is located in Columbia. This river is also called ‘The River of Five Colours. _____
- (e) This amazing place comprises around 1268 cone shaped hills in Bohol, Philippines. _____

8. Name the following tree tunnels by the name of the country where they are located:

(1x5=5)

- (a) It is the world’s largest human-made forest which gives purple blue view to the city of Johannesburg. _____
- (b) It is one of the most photographed places in the world having large number of beech trees. _____
- (c) These rosewood trees, along the street are a part of country’s historical , cultural , ecological and environmental heritage. _____
- (d) It is one of the most beautiful flower park tunnels in the world. It is a great collection of wisteria flowers. _____
- (e) It is one of the most beautiful gardens in the world which is 250 years old, an inspiration to writers. _____

9. Name the following martial arts:

(1x5=5)

- (a) It is a self-defence technique, developed in Japan. _____
- (b) It includes a number of defensive fighting styles that have developed over the centuries in China. _____
- (c) It is a defensive sport that teaches discipline. It was developed in Korea. _____
- (d) It is an Indian martial art form from the southern state of Kerala. It is one of the oldest fighting systems in existence. _____
- (e) Originated in the Punjab region of India, it is a Sikh martial art. _____

10. Current Affairs:

(1x5=5)

- (a) The present Chairman DPS Society has been honoured with Padma Bhushan, 2019. Name him. _____
- (b) Who is the new CBI Chief? _____
- (c) Which countries are jointly going to host the ICC World Cup Cricket, 2019? _____
- (d) Which famous singer has recently been honoured with the Bharat Ratna award posthumously? _____
- (d) Who is the new Chief Minister of Chhattisgarh? _____





दिल्ली पब्लिक स्कूल, मिलाई
वार्षिक परीक्षा - 2019
विषय : हिन्दी

दिनांक : 25.02.2019
कक्षा - आठवीं

समय : 3 घंटे
पूर्णांक - 80

सामान्य निर्देश :

- इस प्रश्न पत्र के चार खण्ड हैं—क, ख, ग और घ।
- प्रश्नों के सभी उपभागों के उत्तर क्रमशः दीजिए।

खण्ड - 'क'

प्र.01 निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए—

अहंकार प्रबल शत्रु के रूप में व्यक्ति के मन में विद्यमान रहता है। यह अहंकार ही सारे दुःख, क्लेश, शोक, रोग और कष्ट का कारण बनता है। यदि इस पर अंकुश न लगाया जाए तो यह आपके स्वयं के विनाश का कारण बन जाता है। अहंकारी व्यक्ति अपने जीवन-काल में आंतरिक शांति एवं आनंद का फल नहीं चख पाता। अहंकार चाहे धन संपत्ति का हो, बाहुबल का हो, रूप का हो, ज्ञान का हो, यश का हो, मनुष्य को अधोगामी बना देता है। अहंकार की तुष्टि न होने पर मानसिक-तनाव पैदा होता है और निरंतर तनाव में रहने से उच्च रक्तचाप और अन्य मनोकायिक रोगों की शिकायत हो जाती है।

- (क) अहंकार को प्रबल शत्रु क्यों कहा जाता है? (1)
- (ख) अहंकार की तुष्टि न होने से क्या हानि होती है? (1)
- (ग) व्यक्ति को किन-किन चीजों का अहंकार होता है? (2)
- (घ) गद्यांश में से 'समय' का समानार्थी ढूँढकर लिखिए। (1)

खण्ड - 'ख'

प्र.02(क) निम्नलिखित अनेकार्थक शब्दों में से किन्हीं दो के दो-दो अर्थ लिखिए— (2)

- (i) चीर (ii) ताल (iii) नग

(ख) नीचे दी गई किन्हीं दो लोकोक्तियों के अर्थ लिखिए— (2)

- (i) हाथी के दाँत खाने के और दिखाने के और
(ii) धोबी का कुत्ता न घर का न घाट का
(iii) दूर के ढोल सुहावने

प्र.03(क) निम्नलिखित विग्रहों के लिए समस्त पद लिखिए— (2)

- (i) तीन वेणियों का समूह (ii) आप पर बीती

(ख) निम्नलिखित शब्दों के सामासिक विग्रह करते हुए भेद बताइए— (2)

- (i) माता-पिता (ii) यथाशक्ति

प्र.04(क) निम्नलिखित वाक्यों में उद्देश्य और विधेय छाँटिये— (2)

- (i) मेरा भाई अनिल कल मुंबई गया।
(ii) राम बाज़ार गया है।

(ख) अर्थ के आधार पर वाक्य के भेद लिखिए— (3)

- (i) क्या तुम स्कूल जा रहे हो?
(ii) शायद सचिन क्रिकेट खेले।
(iii) मुझे पढ़ना-लिखना पसंद है।

(ग) रचना के आधार पर वाक्य परिवर्तन कीजिए— (3)

- (i) उसने कहा और मैं मान गया। (मिश्र वाक्य में)
(ii) वह सब्जी लेने बाज़ार गया। (संयुक्त वाक्य में)
(iii) मैंने एक अंधे भिखारी को देखा, जो सड़क के किनारे बैठा था। (सरल वाक्य में)

प्र.05(क) निम्नलिखित शब्दों में से किन्हीं तीन में संधि कीजिए— (3)

- (i) सूर्य + उदय (ii) यदि + अपि
(iii) निः + आशा (iv) विद्या + आलय

(ख) निम्नलिखित शब्दों में से किन्हीं तीन का संधि विच्छेद कीजिए— (3)

- (i) सदैव (ii) तल्लीन
(iii) स्वागत (iv) महात्मा

(ग) नीचे दिए गए संधि रूपों के सामने किन्हीं तीन के भेदों के नाम लिखिए— (3)

- (i) नमः + कार (नमस्कार) (ii) प्रति + एक (प्रत्येक)
(iii) जगत् + ईश (जगदीश) (iv) निः + रोग (नीरोग)

खण्ड - 'ग'

प्र.06 निम्नलिखित विषयों में से किसी एक विषय पर दिए गए संकेत बिन्दुओं के आधार पर लगभग 100 शब्दों में अनुच्छेद लिखिए— (5)

(क) भ्रष्टाचार

- (i) भ्रष्टाचार का अर्थ (ii) भ्रष्टाचार के कारण
(iii) भ्रष्टाचार मिटाने के उपाय (iv) उपसंहार

(ख) यदि मैं प्रधानमंत्री होता

- (i) देश के निर्माण में प्रधानमंत्री की भूमिका (ii) समस्याओं का समाधान
(iii) शांति व एकता की स्थापना (iv) उपसंहार

(ग) खेलों का महत्त्व

- (i) खेलों की स्थिति (ii) खेलों की उपयोगिता
(iii) खेल-भावना का विकास (iv) उपसंहार

प्र.07 अपने मित्र को उसके जन्मदिन की बधाई देते हुए पत्र लिखिए। (5)

अथवा

बढ़ते प्रदूषण पर चिंता व्यक्त करते हुए दैनिक पत्र के संपादक को पत्र लिखिए।

खण्ड - 'घ'

प्र.08 निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए—

मैया, कबहिन बढैगी चोटी?

किती बार मोहि दूध पियत भई, यह अजहूँ है छोटी
तू जो कहति बल की बेनी ज्यों, हैं है लांबी-मोटी
काढ़त-गुहत न्हावावत जै है, नागिनी सी भुईं लोटी।
काँचौ दूध पियावत पचि-पचि, देती न भाखन रोटी।
सूर चिरजीवौ दोरु भैया, हरि-हलधर की जोटी।

- (क) कवि एवं कविता का नाम लिखिए। (2)
(ख) श्रीकृष्ण यशोदा से किस बात की शिकायत कर रहे हैं? (1)
(ग) चोटी की तुलना किससे की गई है? (1)
(घ) 'काँचौ' अथवा 'पचि-पचि' का अर्थ लिखिए। (1)

प्र.09 निम्नलिखित गद्यांश को सावधानी पूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए—

भारत के सर्वाधिक गरीब जिलों में से एक है पुडुकोट्टई। पिछले दिनों यहाँ की ग्रामीण महिलाओं ने अपनी स्वाधीनता, आज़ादी और गतिशीलता को अभिव्यक्त करने के लिए प्रतीक के रूप में साइकिल को चुना है। इनमें से अधिकांश नवसाक्षर थीं। अगर हम दस वर्ष से कम उम्र की लड़कियों को अलग कर दें तो इसका अर्थ यह होगा कि यहाँ ग्रामीण महिलाओं के एक-चौथाई हिस्से ने साइकिल चलाना सीख लिया है और इन महिलाओं में से सत्तर हजार से भी अधिक महिलाओं ने 'प्रदर्शन एवं प्रतियोगिता' जैसे सार्वजनिक कार्यक्रमों में बड़े गर्व के साथ अपने नए कौशल का प्रदर्शन किया और अभी भी उनमें साइकिल चलाने की इच्छा जारी है। वहाँ इसके लिए कई 'प्रशिक्षण शिविर' चल रहे हैं।

- (क) पाठ एवं लेखक का नाम लिखिए। (2)
(ख) पुडुकोट्टई की ग्रामीण महिलाओं ने अपनी स्वाधीनता, आज़ादी और गतिशीलता को अभिव्यक्त करने के लिए प्रतीक के रूप में किसे चुना? (1)
(ग) पुडुकोट्टई की कितनी ग्रामीण महिलाओं ने 'प्रदर्शन एवं प्रतियोगिता' जैसे सार्वजनिक कार्यक्रमों में अपने कौशल का प्रदर्शन किया? (2)

प्र.10 'अनुमान एवं कल्पना' के आधार पर निम्नलिखित में से किसी एक का उत्तर दीजिए— (3)

- (i) क्या पक्षियों को उड़ते समय सचमुच आनंद का अनुभव होता होगा या स्वाभाविक कार्य में आनंद का अनुभव होता ही नहीं। अपने विचार प्रकट कीजिए।
(ii) "उस दिन रात्रि में बिलवासी जी को देर तक नींद नहीं आई।" समस्या झारुलाल की थी और नींद बिलवासी जी की उड़ी तो क्यों?

प्र.11 निम्नलिखित प्रश्नों में से किन्हीं पाँच प्रश्नों के उत्तर 40-50 शब्दों में दीजिए— (5x4=20)

- (i) दोषों का पर्दाफाश कब बुरा रूप ले सकता है?
(ii) 'तलवार का महत्त्व होता है म्यान का नहीं' उक्त उदाहरण से कबीर क्या कहना चाहते हैं? स्पष्ट कीजिए।

- (iii) 'कामचोर' कहानी हमें क्या संदेश देती है ?
- (iv) अपने गाँव लौटकर जब सुदामा अपनी झोपड़ी नहीं खोज पाए तब उनके मन में क्या-क्या विचार आए ?
- (v) साइकिल आंदोलन से पुडुकोट्टई की महिलाओं के जीवन में क्या-क्या बदलाव आए ?
- (vi) बिलवासी जी ने रूपयों का प्रबंध कहाँ से किया था ?
- (vii) ओस की बूँद क्रोध और घृणा से क्यों काँप उठी ?

प्र.12 निम्नलिखित प्रश्नों में से किन्हीं सात प्रश्नों के संक्षिप्त उत्तर दीजिए—

(7)

- (i) 'बाज और साँप' के लेखक कौन हैं ?
- (ii) सूर्य के दो पर्यायवाची शब्द लिखिए।
- (iii) 'श्वेत' और 'दिन' शब्दों के विलोम शब्द लिखिए।
- (iv) 'दाता' एवं 'दाई' प्रत्यय लगाकर एक-एक सार्थक शब्द बनाइए।
- (v) 'वि' तथा 'अभि' उपसर्ग लगाकर एक-एक सार्थक शब्द बनाइए।
- (vi) 'अकबरी लोटा' पाठ की विधा क्या है ?
- (vii) पुडुकोट्टई जिला किस राज्य में है ?
- (Viii) प्रचलित रूप लिखिए — ग्यान, आँखि





DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019
SUBJECT – MATHEMATICS

Class : VIII
 Date : 06.03.2019

Max. Marks : 80
 Time : 3 Hrs.

General Instructions:

- All the questions are compulsory.
- The question paper consists of 30 questions divided into 4 sections A, B, C and D.
 - Section A comprises of 6 questions of 1 mark each.
 - Section B comprises of 6 questions of 2 marks each.
 - Section C comprises of 10 questions of 3 marks each.
 - Section D comprises of 8 questions of 4 marks each.
- There is no overall choice. However, an internal choice has been provided in two questions of 1 mark each, two questions of 2 marks each, four questions of 3 marks each and three questions of 4 marks each. You have to attempt only one of the alternatives in all such questions.
- Use of calculator is not permitted.

SECTION – A

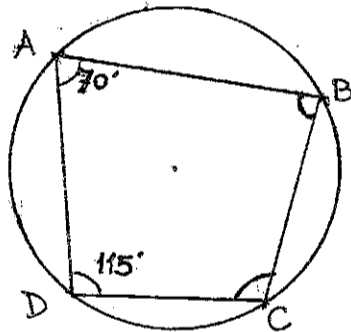
(1x6=6 Marks)

01. Find the altitude of a triangular region whose area is 100 sq.m. and base is 50 m.
 02. Find the product $(3y - 7)(2y + 8)$

OR

Factorize $x^2 + 5x - 24$

03. State playfair's axiom with an appropriate figure.
 04. Find the arithmetic mean of first 10 natural numbers.
 05. Find $\angle B$ and $\angle C$ in the given cyclic quadrilateral.



OR

A regular hexagon is inscribed in a circle. What angle does each side of the hexagon subtend at the centre of the circle?

06. A cuboid has a volume of 2000 cm^3 , height 10 cm and length 20 cm. Find its Breadth.

SECTION – B

(2x6=12 Marks)

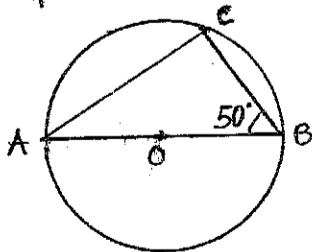
07. Find the cost of the carpet 28 m. long and 22 m. wide at Rs. 10 per square metre.
 08. Evaluate $10 - (8)^{1/3}$

OR

Find the value of $(64)^{5/6}$.

09. Marked price of an article is Rs.320. If it is sold for Rs.288, find the discount percent allowed.

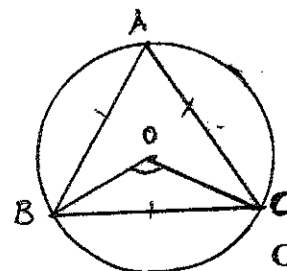
10.



ABC is a triangle in a circle with centre O.
 AOB is the diameter. If $\angle B = 50^\circ$. Find $\angle C$ and $\angle A$.

OR

ABC is an equilateral triangle in a circle with centre O. Find $\angle BOC$.



Contd...2

11. Find the volume of a cylinder of height 50 cm and base radius is 7 cm.
12. If $x - \frac{1}{x} = 4$, Find the value of $x^3 - \frac{1}{x^3}$.

SECTION - C

(3x10=30 Marks)

13. The average of 5 numbers is 20 and average of 3 other numbers is 22. Find the average of 8 numbers.
14. A hall is 24 m long and 16 m broad. The area of its 4 walls is 640 sq.m. Find its height.

OR

A park is 60 m long and 40 m broad. In the middle of the park, there is a circular tank of radius 7 m. Find the area of the remaining portion of the park for turfing.

15. Rationalize the denominator for $\frac{5}{\sqrt{7}+\sqrt{2}}$.

OR

Find the value of x in $3^{5x-1} = 9$.

16. A cycle was sold at a loss of 12%. Had it been sold for Rs.3200 more, the gain would have been 20%. Find the cost price of the cycle.

OR

The CP of 16 m of cloth equals to the SP of 20 m of the cloth. Find the loss percent.

17. The radius of a spherical balloon increases from 6 cm to 12 cm. Compare the surface area of the balloon in the two cases.
18. Draw a line AB. Draw a line CD||AB at a distance of 2.5 from AB.

OR

Draw a line segment 9 cm long and divide it into the ratio 2:3.

19. AB is a chord in a circle with centre O and radius equal to 5 cm. $OL \perp AB$. If $OL = 4$ cm; find the length of the chord AB. State the properties used.
20. If $a + b + c = 12$, $a^2 + b^2 + c^2 = 64$, find the value of $a^3 + b^3 + c^3 - 3abc$.
21. Locate $\sqrt{5}$ on-number line.
22. Find the slant height and volume of a cone, whose base radius is 9 cm and height 40 cm. (Take $\pi = 3.14$)

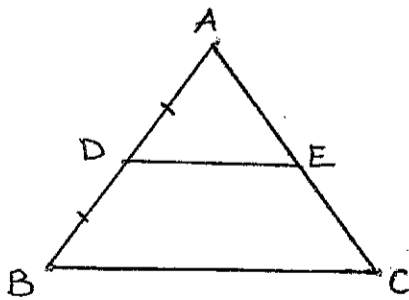
SECTION - D

(4x8=32 Marks)

23. Draw Histogram for the following data. Mention the scale used.

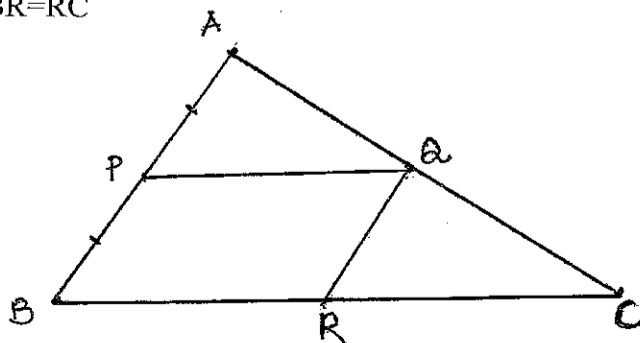
Class Interval	0-5	5-10	10-15	15-20	20-25	25-30
Frequency	2	7	8	10	6	4

24. ABC is an isosceles triangle. $AB=AC$, D is the mid-point of AB. $DE \parallel BC$ meets AC at E. Is $\triangle ADE$ an isosceles triangle? Give reasons.



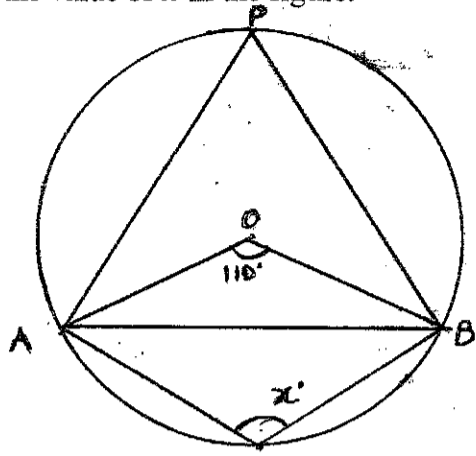
OR

In the given figure, P is the mid-point of side AB of $\triangle ABC$. $PQ \parallel BC$ meets AC at Q. $QR \parallel AB$ meets BC at R. Prove that $BR=RC$



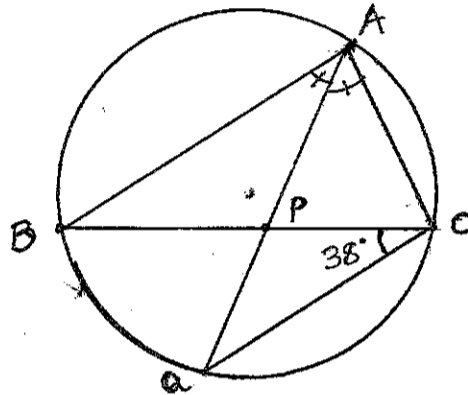
Contd...3

- In a hall, there are 960 persons. If the number of women is 2 times the number of men and number of men is 3 times the number of children. Find how many men, women and children are there.
26. Find the value of x in the figure.



OR

ΔABC is inscribed in a circle. The bisector of $\angle BAC$ meets BC at P and the circle at Q . QC is joined. $\angle BCQ = 38^\circ$. What is $\angle BAC$.



27. In a trapezium $ABCD$, $AB \parallel CD$. $AB=25$ cm. $BC=13$ cm. $CD=11$ cm. and $AD=15$ cm. Find the area of trapezium.
28. What is the least +ve integer by which 2662 should be divided so that the resulting number is a perfect cube. Find the cube root of the resulting number.
29. A shopkeeper allows a discount of 10% on the marked price and still makes a profit of 12.5%. If the marked price is Rs.375, find the cost price.

OR

A Table was sold Rs. 510 at a loss of 15%. Find the gain or loss percent if it was sold for Rs.570.

30. Simplify : $5 \cdot \sqrt[3]{54} - 2 \sqrt[3]{16} + 4 \cdot \sqrt[3]{686}$.





DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019
SUBJECT – SCIENCE

Class : VIII
Date : 20.02.2019

Max. Marks : 80
Time : 3 Hrs.

General Instructions:

- (1) There are 31 questions. All are compulsory.
- (2) Question no. 1 to 6 carries 1 mark each.
- (3) Question no. 7 to 15 carries 2 marks each.
- (4) Question no. 16 to 27 carries 3 marks each.
- (5) Question no. 28 to 31 carries 5 marks each.
- (6) There are internal choices in some questions.

-
01. Which hormone is produced by adrenal gland? (1)
 02. What is the unit of frequency? (1)
 03. What are lubricants? (1)
 04. Define electroplating. (1)
 05. Which property of sound determines the pitch or shrillness of sound? (1)
 06. Which planet is called the red planet? Why? (1)
 07. Write one difference between internal and external fertilization. Give one example each. (2)
 08. Define pressure. Write its mathematical expression. (2)
 09. What are the effects of force on a certain object. (Write any 2 points) (2)
 10. Name the vibrating parts which produce sound in the following musical instruments: (2)
(i) Veena (ii) Tabla
 11. Suggest 2 measures to protect ourselves from lightning. (2)
 12. Define – (i) Electroscope and (ii) Earthing (2)
- OR**
- Explain in brief the working of a lightning conductor.
13. State the laws of reflection. (2)
- OR**
- Explain how you can take care of your eyes. (2 points)
14. Write the full form of CFC. Where is it used? (Any 2) (2)
 15. Name any four greenhouse gases. (2)
- OR**
- What are the effects of global warming? (Any two)
16. Write short notes on – (i) Adam's apple, (ii) Secondary sexual characters. (3)
 17. List six changes at puberty (explanation not needed) (3)
- OR**
- Explain in brief the determination of sex in an unborn baby. Name the gland which produces the hormone thyroxine.
18. What are contact forces? Name any three non-contact forces. (3)
 19. Explain in brief the working of a spring balance. (Diagram not required.) (3)
 20. Give examples to show that friction is both a friend and a foe (two examples each). (3)
- OR**
- Define –drag. Explain why objects moving in fluids must have special shapes.
21. Write any three measures to limit the noise pollution. (3)
 22. Suppose you are inside your home and an earthquake strikes. What precautions will you take to protect yourself? (Any three points) (3)

Contd...2

23. What is 'Ganga Action Plan'? Is hot water also be a pollutant? Explain. (3)

OR

Explain circumstances leading to acid rain. How does acid rain affect us?

24. What are artificial satellites? Name one such satellite of India. Mention any two uses of such satellites. (3)

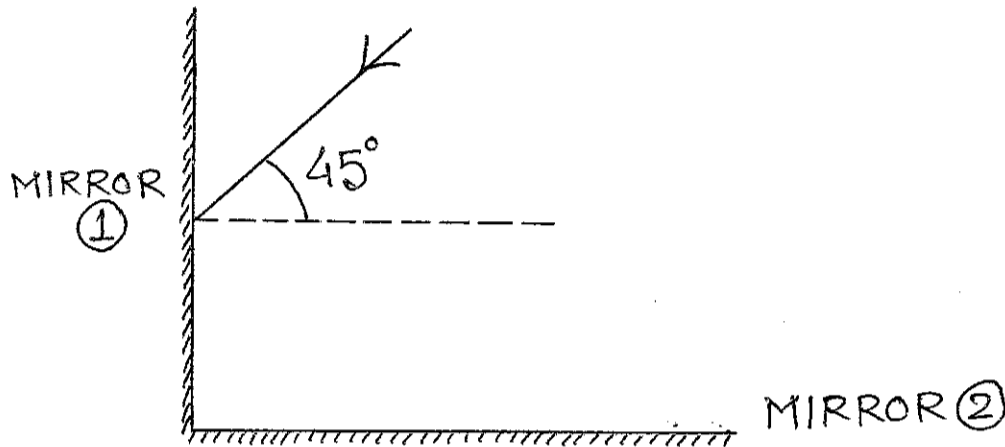
25. Does pure water conduct electricity? If not, what can we do to make it conducting? (3)

26. Name two examples each of good and poor conductors of electricity. Why a coating of zinc is deposited on the iron articles? (3)

27. Explain how you can locate the pole star with the help of Ursa Major. Draw diagram also.. (3)

28.(a) Differentiate between regular and diffused reflection. (Any two points) (5)

(b) Two mirrors meet at right angles. A ray of light is incident on one at an angle of 45° as shown in the figure. Draw the reflected ray from mirrors (1) and both the incident and reflected ray from mirror (2). Also calculate $\angle i$ and $\angle r$ in both the mirrors



OR

(a) Define the following parts of human eye- (i) Cornea, (ii) Iris, (iii) Pupil

(b) What is cataract? How can we treat this defect of human eye?

29.(a) Write about the appearance and hardness of the following elements. (5)

(a) Iron, (ii) Coal, (iii) Sulphur, (iv) Aluminium

(b) When a copper vessel is exposed to moist air for long time, it acquires a dull green coating. Explain with a proper chemical equation.

OR

(a) Give reason for the following:

(i) Immersion rods for heating liquids are made up of metallic substances,

(ii) Potassium is stored in Kerosene Oil,

(iii) Aluminium foils are used to wrap food item.

(b) Can you store lemon pickle in metallic containers? Explain.

30.(a) What are the uses of the following constituents of Petroleum? (5)

(i) Petrol, (ii) Bitumen, (iii) LPG

(b) Name any four places in India where oil is found naturally?

OR

(a) With the help of a neat and labelled diagram, show the petroleum and natural gas deposits in the earth's crust.

(b) Give two examples each of inexhaustible and exhaustible natural resources.

31.(a) With the help of labelled diagrams, explain binary fission in amoeba. (5)

(b) What is metamorphosis? Name one animal which shows this.

OR

(a) Write one difference between viviparous and oviparous animals. Give one example of each.

(b) Explain in brief – Budding in hydra (figure not required)





DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019
SUBJECT – ENGLISH

Class : VIII
Date : 22.02.2019

Max. Marks : 80
Time : 3 Hrs.

General Instructions:

- Attempt all the questions in each section before going to the next section, in the same order.
- All the answers must be correctly numbered and written neatly.
- Do not copy the questions.
- For multiple choice questions, option numbers should be clearly specified along with the answers.
- The paper consists of 4 sections:
 - Section – A – Reading : 16 Marks
 - Section – B – Writing : 18 Marks
 - Section – C – Grammar : 16 Marks
 - Section – D – Literature : 30 Marks

SECTION – A : READING (16 Marks)

A.1 Read the following passage carefully and answer the questions that follow : (8 Marks)

1. The Pencil Maker held the pencil in his hand and before putting the pencil in the box decided to impart five important lessons to the pencil. He told the pencil that if he learns these five lessons, he will be the best pencil in the world. First, he told the pencil that you will be able to do many great things in life, but only if you allow yourself to be held in someone else's hands. He also told him that you will experience a painful sharpening from time-to-time. But you will need it to become a better pencil.
2. Then he told him that he will be able to correct any mistakes he made. And that the best part of it would be found inside its exterior. Lastly, the pencil maker also told the pencil that on every surface he is used, he must leave a mark. The pencil understood these lessons and went into the box with a purpose in its heart. This story of the pencil has a lot to teach if we replace the pencil with ourselves. Every person can do many great things only if he allows himself to be in the hands of the God.
3. Every person experiences sharpening from time-to-time which are the problems he encounters. These problems are there to make him a stronger person. Every person is blessed with the ability to correct his mistakes.
4. The best part of a person is to be found inside him, his heart or his soul. And most significantly, every person just like every pencil should leave an impression wherever he goes. Following these simple rules, every person can become the best person in the world and the world will be full of better people.

- A.1(a)** What did the pencil maker decide to impart to the pencil before putting it into the box? (1)
(b) What will be the effect of painful sharpening on pencil? (1)
(c) How can every person do many great things? (1)
(d) What is the last lesson told to the pencil by the pencil maker? (1)
(e) What is every person blessed with? (1)
(f) What values does the pencil teach us? (Mention any 2 points) (1)
(g) What does the author hope at the end of the passage? (1)
(h) Find a word in the passage which means 'aptitude'. (Para – 3) (1)

A.2 Read the poem carefully and answer the questions that follow : (8 Marks)

1. Someone dropped a burning match
Unheeded by the way
It caught on fire some under brush;
Its user did not stay.
2. From grass to brush from brush to tree
So stealthily it ran,
That no one ever guessed or knew
Just where that fire began
3. Someone built a camp fire
And failed to put it out.
A breeze came and quickened;
The embers spread about;
4. And soon the woods were blazing.
The fire spread and spread;
The trees that took long years to grow
Stand blackened now and dead

Contd...2

- 5. Someone saw a little fire
As he was passing by.
He did not stop to put it out;
He did not even try.
- 6. He had not started it, of course;
He had no time to spare;
That it might start a forest fire
He did not even care.

Myrtle Barber Carpenter

- A.2(a) What was the initial cause of forest fire? (1)
- (b) Why was everybody unable to trace the cause of the forest fire? (1)
- (c) What caused the fast spread of the fire? (1)
- (d) What was the condition of the trees when they caught fire? (1)
- (e) Why did the boy who even saw the fire made no efforts to put it off? (1)
- (f) What did the boy not care for (1)
- (g) Which word in the poem is the synonym of 'secretly'. (Stanza 2) (1)
- (h) Which word in the poem is the antonym of 'alive'. (Stanza 4) (1)

SECTION – B : WRITING (18 Marks)

- B.1 You are Rajat/Rajni. You have been selected as the best athlete of your school and have received the prize on the occasion of Annual Sports Day. Write a diary entry in about 100 words expressing your feelings on receiving the prestigious award. (5)
- B.2 Parents today are facing a major problem with their children. Children waste most of their time on Facebook and other social networking sites, with the result that their studies and other important activities are neglected. You are Jayant/Jayanti, write an article for your school magazine on the topic 'Impact of Social Media on Children' in not more than 120 words. (5)
- B.3 You are Aditi/Aditya, a resident of Indira Colony in Agra. Write a letter to the Editor of a national daily, raising concern regarding the bad condition of roads in your colony and its effect on the daily lives of the residents. (150 words) (8)

Hints : deteriorating condition of roads – affecting lives of the residents – pot holes becoming death trap for late night drivers – vehicles halt after short intervals – hindering smooth run of transport – difficult for school and office goers – despite complaints no actions taken – concerned authorities to provide solutions.

OR

You are Amit/Amita of class VIII and you believe that Nature has enough for man's greed. Write a speech in about 150 words for your school morning assembly on the topic – 'The role of students in preservation and conservation of environment'.

Hints : Reduce waste – avoid wastage of paper – conserve existing resources – turn electrical switches off when not in use – use non-toxic cleaners – use energy saving light bulbs – use biodegradable products – plant trees - spread awareness about environment issues.

SECTION – C : GRAMMAR (16 Marks)

- C.1 **Fill in the blank with the past perfect tense of the verb given in the bracket:** (1x2=2)
 - (a) Teacher was angry because the children (do) their homework properly.
(i) were not doing (ii) had not done (iii) had not been doing (iv) not been doing

Fill in the blank with the present perfect continuous tense of the verb given in the bracket.

 - (b) You (study) since morning.
(i) had been studying (ii) is studying (iii) was studying (iv) have been studying
- C.2 **Choose the correct preposition from the given options and fill in the blanks:** (1x2=2)
 - (a) The car stopped the traffic lights.
(i) with (ii) at (iii) to (iv) of
 - (b) City bus took us the station.
(i) to (ii) among (iii) of (iv) with
- C.3 **Choose the correct conjunction from the given options and fill in the blanks :** (1x2=2)
 - (a) She set the alarm went to sleep.
(i) since (ii) and (iii) still (iv) that
 - (b) The car broke down we had to walk to the school.
(i) so (ii) but (iii) though (iv) so that

4 Identify the type of conditionals in the following sentences. (1x2=2)

- (a) If you heat ice, it melts.
(i) Type 0 (ii) Type I (iii) Type II (iv) Type III
- (b) If I were a plant, I would love the rain
(i) Type 0 (ii) Type I (iii) Type II (iv) Type III

C.5(a) Identify the underlined phrase – (1x2=2)
That man wearing a brown suit is the bridegroom.

- (b) Identify the underlined clause –
He missed the flight because he woke up late.

C.6 Change the voice of the following sentences. (1x2=2)

- (a) The peon rang the bell at eleven.
- (b) Somebody is tapping our phone.

C.7 Change the following sentences into reported speech : (1x2=2)

- (a) Ila said, "I am really sorry for the mistake."
- (b) They told me, "Have you gone to London?"

C.8 (a) Write the meaning of the following idiom : (1x2=2)

silver lining

- (b) Complete the following proverb :

Empty vessels

SECTION – D : LITERATURE (30 Marks)

D.1 Read the extracts given below and answer the questions that follow : (3x3=9)

1. 'In summer luxury – he has never done
With his delights, for when tired out with fun
He rests at ease beneath some pleasant weed.'

- (a) Name the poem from which the above lines have been taken.
- (b) Who does 'he' refer to ?
- (c) What does 'he' enjoy doing during summers ?

2. 'My life is a bore in this nasty pond,
And I long to go out in the world beyond!
I wish I could hop like you!'

- (a) Who was bored of his life?
- (b) Who was good at hopping?
- (c) Name the poet of this poem.

3. 'I touched his shoulder and wheeled out into the summer evening. I looked back; and I knew he was waving.'

- (a) Who is the speaker of the above lines?
- (b) Whose shoulder did the speaker touch?
- (c) Was the person really waving when the speaker left?

D.2 Answer any three of the following questions in about 30 to 40 words each: (2x3=6)

- (a) Why was Mill-wheel afraid to leave Jody alone?
- (b) What was the change in the poet on his return from Lyonesse?
- (c) What was the truth revealed by Chunilal at the end of the story?
- (d) What did young Ernest wish when he gazed at the Great Stone Face?

D.3 Answer any one of the following questions in about 75 words : (5)

In the lesson 'A Short Monsoon Diary' what are the changes that happen as the rains progress from June to March by looking at the diary entries for June 24-25, August 2 and March 23?

OR

How was Ernest different from others in the valley?

D.4 Answer any three of the following questions in about 30 to 40 words each : (2x3=6)

- (a) On what basis was Lear's kingdom divided?
- (b) What decision did Duke Theseus take regarding Hermia's marriage?
- (c) What did the prince of Arragon offers to do for Claudio?
- (d) Why was Brutus unhappy towards the end?

D.5 Answer any one of the following questions in about 75 words : (4)

Write a character sketch of Mark Antony.

OR

How was Hero finally married to Claudio?





DELHI PUBLIC SCHOOL, BHILAI
ANNUAL EXAMINATION – 2019
SUBJECT – SOCIAL SCIENCE

Class : VIII
Date : 01.03.2019

Max. Marks : 80
Time : 3 Hrs.

General Instructions:

- There are 31 questions. All are compulsory.
- Marks of each question are indicated against the question.
- Questions from Sl. No. 1 to 14 are very short answer questions. Each question carries 1 mark.
- Questions from Sl. No. 15 to 26 are short answer questions. Each question carries 3 marks.
- Questions from Sl. No. 27 to 30 are long answer questions, that carry 5 marks each.
- Question no 31 is based on map work. 5 marks from History and 5 marks from Geography.
- Attach the maps inside the answer book.

01. Whose adopted son was Nana Saheb ? (1)
02. When did Awadh sign The Subsidiary Alliance ? (1)
03. Who was hanged on 29th March, 1857, for attacking his officers ? (1)
04. What did we call a woman who died by burning herself on the funeral pyre of her husband ? (1)
05. Name the institutional set-up constituted by the Government of India to help design and execute suitable policies for economic development. (1)
06. According to which Article of the Constitution, every person has a fundamental right to be defended by a lawyer ? (1)
07. Which state in India is home to more than 60 % different tribal groups ? (1)
08. Who was C.K. Janu ? (1)
09. What happened at midnight of 2nd December, 1984 at Bhopal ? (1)
10. What is sericulture? (1)
11. Name the leading producer of coffee in the world. (1)
12. Expand the term, TISCO. (1)
13. Which city is famous as 'The Manchester of India'? (1)
14. What do we call the difference between the birth rate and the death rate of a country? (1)
15. In what ways did the British change their policies as a result of the rebellion of 1857 ? (3)
16. How did the last Mughal emperor live the last years of his life ? (3)
17. How do the names of different textiles tell us about their histories? (3)
- OR**
- Why did Mahatma Gandhi think that English education had enslaved Indians ?
18. Why did Phule dedicate his book 'Gulamgiri' to the American movement to free slaves? (3)
- OR**
- Why did Gandhiji choose to break the Salt Law?
19. Write any two steps that the government has taken to conserve plants and animals. (3)
- OR**
- Suggest three ways to conserve water.
20. What is sustainable development? Why are human resources important? (1+2=3)
21. What are population pyramids? How do they help in understanding the population of a country? (3)
22. Distinguish between primary activities and tertiary activities. (3)
23. What is the role of the Public Prosecutor in a court ? (3)
- OR**
- What is the role of the police in investigating a crime ? (3)

Contd...2

24. Give two reasons why Adivasis are becoming increasingly marginalized. (3)
25. Why are most of the private hospitals and private schools located in major cities and not in towns or rural areas ? (3)
26. What are the advantages to foreign companies in setting up production in India ? (3)
27. What problems did the Indian textile industry face in the early years of its development ? (5)

OR

Why did Mahatma Gandhi want to teach children handicrafts? Why did William Jones feel the need to study Indian history, philosophy and law ? (3+2=5)

28. Who were the Moderates? How did they propose to struggle against the British Rule ? (2+3=5)

OR

After independence, why was there a reluctance to divide the country on linguistic lines? Name three problems that the independent nation of India faced.

29. What do you understand by the term 'Minority'? Describe the term Marginalization. (2½+2½ =5)

OR

What is fair trial? What are the rights guaranteed to every arrested person under Article 22 ? (2+3=5)

30. What is meant by the term industry? Which industry is referred to as the backbone of modern industry and why?

OR

(2+3=5)

What is shifting cultivation? What are its disadvantages ?

31. On the given out line political map of India, locate and label any five of the following, in each section. (5)

- A (HISTORY)** : (a) Surat
(b) Calcutta
(c) Amritsar
(d) Delhi
(e) Madras
(f) Nagpur

- B (GEOGRAPHY)** : (a) Silicon Valley in India (5)
(b) Textile Industry in Gujarat
(c) Largest tea producing state
(d) Least densely populated state
(e) Most populated state
(f) Largest Jute producing state

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