



DAV BORL PUBLIC SCHOOL, BINA

Session (2022-23)

Class: X

Integrated Assignment No:02

Date Posted	15-07 -22	Expiry Date	31-07-2022
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ENGLISH	
S.NO	
1.	Write a formal letter of Complaint to the Director against the impoverished condition of a tiger lodged in a zoo. You observed the tiger to be skinny and under-fed. Invent all the details(120-150 words & three paragraphs).

MATHS	
S.NO	
1.	Complete all exercise questions from text book.(QUADRATIC EQUATIONS)
2.	Derive and by-heart all formulae of Quadratic Equations.
3.	Solve and practice 20 extra questions from the reference book.

SCIENCE	
S.NO	
1.	Why does 1 M HCL solutions have a higher concentration of H ⁺ ions than 1M CH ₃ COOH solution?
2.	What happens to the temperature of water when a few drops of concentrated sulphuric acid is added to it? Why?
3.	Make your own litmus solution following the given below link https://www.youtube.com/watch?v=pL-xdGjJ7Lg .Make your own video and send it through mail or whatsapp.
4.	Draw ray diagram using convex lens so that final image are real and erect
5.	Make a 3D Model of any one organ system of your body ,explained in your text book.(Try to make it working as far as possible) and present it,s functioning in the class with the help of a chart .
6.	Explain the power of the lens and write its unit.

SST	
S.NO	
1.	Who hosted 'Vienna Congress' in 1815? Analyse the main changes brought by the 'Vienna Treaty'
2.	Explain the nation building process of Germany,
3.	Write the advantages and disadvantages of the Napoleonic Code.

4.	Examine the statement “When France sneezes, the rest of Europe catches cold.”
5.	“Culture has played an important role in the development of nationalism in Europe during eighteenth centuries.” Justify the statement with examples
6.	Explain the process of Unification of Italy.

HINDI

S.NO	
1.	टीचर की नौकरी के लिए आवेदन पत्र सहिए एक स्ववृत्त तैयार करे-
2.	अपने मित्र को ई - मेल द्वारा अग्निवीर पद के लिए आवेदन करने को लिखे

SANSKRIT

S.NO	
1.	संस्कृत भाषायाः महत्वस्य उपरि अनुच्छेदम् एकं लिखन्तु ।
2.	भवतः अनुजः रमेशः नवम कक्षायाम् पठति , सः नवम कक्षायाम् संस्कृतं पठितुम् न इच्छति । संस्कृतं पठतु इति भवान् स्वं अनुजं प्रति पत्रं लिखतु ।
3.	व्यायामस्य महत्त्वं किम् इति अस्य उपरि दश वाक्यानि लिखन्तु ।

Artificial Intelligence (AI)

S.NO	
1.	What are the Ethics in AI?
2.	_____ can be defined as the science of moral duty and ideal human behaviour that teaches what is right and what is wrong
3.	If a smart self-driving car met an accident with a person on the road, who is responsible morally? a. The car owner b. The person c. The developer d. All of these
4.	What are the moral issues related to self-driving cars?
5.	What are the permissions asked by the app before using it?