

DAV Public School DMP, NMDC Ltd. Majhgawan, Panna (M.P.)
Summer Vacation Homework (Session -2018-19)
Class- XII

Subject	Sec.	Homework
PHE. ED.	B	<ol style="list-style-type: none"> 1) Need for sports environment. 2) Write the essential element of positive environment of sports. 3) Write the role of media in creating positive sports environment. 4) Write the role of spectators in sports. 5) Write the importance of participation of women in sports. 6) Why is sport necessary for us? 7) Write the role of trainer in sports. 8) What is an adventure sport? 9) Why we are not included adventure sports in school? 10) What is camping/ 11) What are the necessary materials for camping? 12) What is Rock Climbing? Write the necessary measures taken in rock climbing. 13) Describe the Trekking. 14) What is River-Rafting/ 15) What is mountaineering? What are the necessary materials for mountaineering? 16) What are natural resources? Why do we need of protection of natural resources? 17) What is pollution? Write the various types of pollution? 18) What is Leadership? Write the special qualities of leader. 19) How the physical Education programme help in development of leadership qualities. 20) What type of protection and caring need in mountaineering? 21) What is balanced diet? Write the different components of balance diet. 22) What are vitamins? Write the name of different types of vitamins and their function. 23) What are nutrients? Write the name of the macro and micro nutrients. 24) What is eating disorder? Write down about Anorexia nervosa and Bulemia. 25) What is dieting? How is harmful for our body? 26) What are food allergy and food intolerance? 27) What is obesity? How does we recover from obesity? 28) Write down the formation of committees and their responsibilities in sports. 29) What are the tournaments? Write the different types of tournaments.
ENGLIS H	A	<ol style="list-style-type: none"> 1. What shows M.Hamel for French language? 2. How were the M.Hamel and the parents responsible for the childrens neglect of French language? 3. Why does M.Hamel reproach himself for student's unsatisfactory progress in studies? 4. Why did M.Hamel wrote 'vive la France' on the blackboard? 5. Our language is a part of our culture and we are proud of it. Describe how regretful M.Hamel and the village elders are for having neglected their native language French? 6. What did garbage mean to the children of Seemapuri and their parents? 7. Why did Saheb's parents leave Dhaka and migrate to India? 8. Describe the irony of the saheb's name ? 9. What is vocases theme ? Do you think he will be able to fulfill his dreams ? Why? Why not. 10. Why could the bangle makers not organize them into a co-operatives? 11. In spite of despair and disease pervading the lives of the slum children, they are not devoid of hope . How far do you agree ? 12. 'Lost Springs` explains the grinding poverty and traditions that condemn thousands of peoples to a life of abject poverty. Do you agree ? Why ? Why not . 13. How does the Kamla Das try to put away the thoughts of her ageing mother? 14. In the last line of the poem 'My Mother At Sixty Six '. Why does the poet used the word smile repeatedly? 15. Bring out the significance of the smile of the poem as she bade farewell to her mother. 16. Give the theme of Kamla Das poem 'My Mother At Sixty Six '. 17. How is the atmosphere insight an elementary slum classroom different from the one outside it? 18. What changes did the poet hope in the lives of the slum children. 19. What message does Stephen spender convey through the poem 'An Elementary classroom in slum

		<p>20.To whom does the poet in the poem ‘An Elementary classroom in slum ’ makes an appeal ? What is his appeal.</p> <p>21.Bring out the significance of the of the sense of dejection and despair in the poem ‘An Elementary classroom in slum ’.</p> <p>22.According to the poem how should the maps of these childrens be blotted ?What outcome does he suggest to get rid of their trouble .</p> <p>23.How did the ten day old baby react to the predictions about his future by the astrologers.</p> <p>24.What led the Maharaja to start out on a tiger hunt ?</p> <p>25.Why did he Maharaja banned the tiger hunting?</p> <p>26.When did the tiger king stand in the danger of losing his throne?</p> <p>27. How did the tiger king manage to retain his kingdom?</p> <p>28.What was the reason for the tiger king sudden decision to marry ?</p> <p>29.What was his father chief concern about Dr.Sadao ?</p> <p>30.In what conditions was the American soldier when Sadao found him?</p> <p>31.What forced Dr.Sadao to be an important and irritable with his patients ?</p> <p>32.Why Hana had to wash the wound herself?</p> <p>33.Who sent a messenger to Dr.Sadao ?What for?</p> <p>34.Why did the Jo feel that the Skunk’s mommy was stupid?</p> <p>35.Write an application (Include Resume) in about 120-150 words for the post of receptionist advertised in a national newspaper by J.K.L publishers ,Peshwa Road Pune .You are Karuna M-114 ,mall road ,Pune ,a graduate from S.N.D .T University amd have done a secretarial practice course (S.P.C) from YWCA ,Mumbai.</p>
MATHS	A+B	<p>Chapter -1 Relations And Functions</p> <p>Page 41 Exercise 1.1 Question No. 2,3,4,5</p> <p>Page 11 Exercise 1.2 Question No. 5,9</p> <p>Page11 Example 17,19</p> <p>Page 15 Example 24,25</p> <p>Page 19 Example 1.3 Question No. 9</p> <p>Page 20 Exercise Question No. 11</p> <p>Page 29 Miscellaneous Question No. 3,4</p> <p>Page 30 Question No. 12,14</p> <p>Chapter- 2 Inverse Trigonometric Functions</p> <p>Page 41 Question No. 4,5</p> <p>Page 45 Example 3,5</p> <p>Page 48 Question No. 13,15</p> <p>Page 49 Example 10</p> <p>Page 50 Example 12</p> <p>Page 52 Example Question No. 10,</p> <p>Chapter- 3 Matrices</p> <p>Page 82 Question No. 17, 18</p> <p>Page 97 Exercise Question No. 16,17</p> <p>Chapter 4 Determinant</p> <p>Page 120 Question No. 11</p> <p>Page 121 Question No. 13,14</p>
Biology	A+B	<p>1-Various mode of asexual reproduction with examples.</p> <p>2-Structure of a bisexual flower.</p> <p>3-Development of male gametophyte in plants.</p>

		<p>4- Development of female gametophyte in plants. 5-Structure of pollen grain. 6- Types of pollination with examples. 7- Structure of ovule. 8- Endospermic and non endospermic seeds with examples. 9- Types of endosperms with examples. 10-Parthenogenesis and Parthenocarpy. 11-Structure of male reproductive system. 12- Structure of female reproductive system. 13-Hormonal control of male reproductive system. 14- Hormonal control of female reproductive system. 15-Explanation of cleavage. 16-Structure and function of placenta. 17-Development of male gamete in human being. 18- Development of female gamete in human being. 19-Different assisted reproductive technology. 20-Berth control method- Oral pills and Cu T. 21-Seven characters of pea plants studied by Mendel. 22- Mendel's Law of independent assortment with checker board. 23- Multiple allelism. 24-co-dominancy. 25-Incomplete dominancy. 26-Heterogametic and homogametic with examples. 27-Sex determination in human beings. 28-Structural chromosomal mutation. 29-Linkage. 30- Crossing over.</p>
CHEMISTRY	A+B	<p>1 amorphous and crystalline solids. 2 calculation of density. 3. Defect in solid. 4. Magnetic property of solid. 5.type of solution 6.variation in molar conductivity with concentration. 7 Henry law with its application. 8. Raoult law for volatile and nonvolatile solute. 9. Ideal and nonideal solution. 10. Positive and negative deviation. 11. Relative lowering in vapour pressure. 12. Depression in freezing point. 13. Osmotic pressure. 14. Elevation in boiling point. 15. Van't Hoff factor. 16. Reverse osmosis. 17. Redox reaction. 18. electrode potential. 19. Faraday's law. 20. Kohlrausch law with its application. 21. electrochemical cell. 22. standard hydrogen electrode potential. 23. EMF of the cell. 24. electrochemical series with its application. 25. Nernst equation. 26. Lead storage battery. 27. Fuel cell. 28. rate of reaction. 29. Order of a reaction.</p>

	<p>30. molecularity of a reaction.</p> <p>31. Numerical</p> <p>32. sn1 and sn2 reaction.</p> <p>33. Sandmeyer reaction.</p> <p>34. Friedel craft reaction.</p> <p>35. Wurtz reaction.</p>
ECONOMICS	<p>Completion of the questions and answers of the units given below:</p> <p>1. Introduction to Economics.</p> <p>2. Consumers Equilibrium and Demand.</p> <ol style="list-style-type: none"> 1. Why does economic problem arise? Explain. 2. Explain the properties of Production possibilities curve. 3. Discuss the central problems of an economy. 4. Distinguish between a normative economics and positive economics. 5. Explain how the demand for a good is affected by the price of its related goods. Give examples. 6. Explain any four factors that affect price elasticity of demand. 7. Define marginal utility. State the law of diminishing marginal utility. 8. Explain the conditions of consumer's equilibrium with the help of utility analysis. 9. Explain the conditions of consumer's equilibrium with the help of indifference curve analysis. 10. Explain the difference between inferior goods and a normal good. 11. Explain any four factors that affect the price elasticity of demand of a commodity. 12. Explain the meaning of diminishing marginal rate of substitution. 13. What is budget line? Why is it downward sloping? 14. Explain the properties of indifference curves. 15. A consumer consumes only two goods. Explain consumer's equilibrium with the help of utility analysis. 16. What is market demand for a good? Name the factors determining market demand. 17. What is meant by monotonic preferences? 18. Distinguish between extension of demand and increase in demand. 19. Distinguish between contraction of demand and decrease in demand. 20. Distinguish between individual demand curve and market demand curve. 21. Distinguish between movement along demand curve and shift in demand curve. 22. State the law of demand with the help of diagram. 23. State exceptions of law of demand. 24. What is cross price effect? 25. Define complementary goods. 26. Define substitute goods. 27. What is demand schedule? 28. Name three determinants of demand for a commodity other than its price. 29. What does a shift of a demand curve show? 30. When demand is elastic and demand is inelastic?
HISTORY	<ol style="list-style-type: none"> 1:- हड़प्पा सभ्यता या सिंधु घाटी सभ्यता की सबसे विशिष्ट पुरावस्तु क्या है? इसकी क्या विशेषता है ? 2:- सिंधु घाटी सभ्यता को हड़प्पा सभ्यता कहने के पीछे क्या कारण है ? 3:- आरंभिक हड़प्पा और परवर्ती हड़प्पा से आप क्या समझते हैं? 4:- हड़प्पा सभ्यता के निवासी अपने जीवन निर्वाह के लिए किन चीजों पर निर्भर थे ? उन पर प्रकाश डालिए? 5:- हड़प्पा निवासी किन जानवरों का प्रयोग करते थे? 6:- हड़प्पा सभ्यता में प्रचलित कृषि प्रौद्योगिकी के विषय में हमें किस प्रकार जानकारी मिलती है? 7:- हड़प्पा सभ्यता से सिंचाई के विषय में क्या पता चलता है? 8:- ईसा पूर्व या ईस्वी से आप क्या समझते हैं? 9:- मोहनजोदड़ो एक नियोजित शहरी केंद्र था इसके पक्ष में तर्क दीजिए। 10:- सामाजिक भिन्नताओं का पता लगाने के लिए पुरातत्वविद किन चीजों का अध्ययन करते हैं? 11:- हड़प्पा सभ्यता में विभिन्न उत्पादनों में प्रयुक्त होने वाले कच्चे माल को वहाँ कहां से प्राप्त किया जाता था? 12:- हड़प्पा सभ्यता का सुदूर क्षेत्रों और मेसोपोटामिया आदि के साथ व्यापारिक संबंध था इस तथ्य पर प्रकाश डालिए। 13:- हड़प्पा सभ्यता में मुहरों की क्या उपयोगिता थी?

		<p>14:- हड़प्पा की लिपि के विषय में आप क्या जानते हैं? इसके विषय में बताइए। 15:-हड़प्पा सभ्यता में विनिमय प्रणाली में प्रयुक्त होने वाले बाटों और उनके प्रयोग के विषय में बताइए। 16:-भारतीय इतिहास में हड़प्पा सभ्यता के बाद और छठी शताब्दी ईसापूर्व के पहले के समय के बारे में बताइए? इसकी क्या विशेषता थी? 17:-जेम्स प्रिंसेप कौन थे? 18:- भारत का प्रारंभिक लिखित राजनैतिक इतिहास किस प्रकार तैयार हुआ? 19:-गण या संघ शासन किसे कहते हैं ? 20:-अभिलेख क्या हैं? 21:- महाजनपद किसे कहा गया? इसकी विशेषताएं बताइए? 600 ईसापूर्व में भारत में कितने महाजनपद थे? 22:-महाजनपदों में कौन सा महाजनपद सबसे महत्वपूर्ण बनकर उभरा इसके क्या कारण थे? 23:-पाटलिपुत्र को मगध की राजधानी कब और क्यों बनाया गया? प्रारंभ में इसकी राजधानी कहाँ थी? 24:- मौर्य वंश के विषय में जानकारी के मुख्य स्रोत क्या है? इनके विषय में बताइए? 25:-मौर्य साम्राज्य में कौन-कौन से महत्वपूर्ण राजनैतिक केंद्र थे? इनके विकास का क्या कारण था? 26:-अशोक के अभिलेखों में कौन सी भाषा और लिपि प्राप्त होती है? 27:-प्राचीन भारतीय इतिहास में मौर्य शासन का क्या महत्व है? 28:- सरदार कैसे शासन करते थे? 29:- यूनानी स्रोतों में मौर्य सेना के विषय में क्या बताया गया है? 30:- गुप्त वंश का इतिहास जानने के प्रमुख स्रोत क्या हैं?</p>
SKT	B	<p>1 कः चन्द्रगुप्तस्य राज्यं आक्रान्तुम् उद्यतः भवति? 2 मलयः केतुः किमर्थं क्रुद्धः आसीत्? 3 कस्य पितुः वधः अभवत्? (राष्ट्र चिन्ता गरीयसी इति पाठे) 4 चाणक्यस्य मतानुसारं कस्य चिन्ता गरीयसी? 5 कौमदीमहोत्सवः कस्य आज्ञया आधोषितः आसीत्? 6 राज्यं धर्मं वृत्तिपरकस्य नृपस्य कृते किं भवति? 7 कौमदीमहोत्सवः कुत्र आयोज्यते? 8 चन्द्रगुप्तस्य अमात्यस्य किं नाम आसीत्? 9 चन्द्रगुप्तस्य प्रासादः कुत्र अवर्तत्? 10 राष्ट्र चिन्ता गरीयसी अयं पाठः कस्मात् नाटक-ग्रंथात् संकलिता? 11 भगवतः मरीचिमालिनः उदयः कस्यां दिशि भवति? 12 सूर्यः वर्षं कतिभागेषु विभनक्ति? 13 अहोरात्रं कः जनयति? 14 'सूर्यः एव प्रकृतेः आधारः' अस्य पाठकस्य लेखकः कः कस्मात् ग्रंथात् च संकलितः? 15 कानि सतां गेहे कदाचन नोच्छिद्यन्ते? 16 केन मनः शुद्ध्यति? 17 किं न जयति? 18 क्षुरस्य धारा कीदृशी भवति? 19 वत्सरस्य द्वादश भागाः के के सन्ति? 20 कति अयनम् भवति एकस्मिन् वर्षे? 21 युगानि कति भवन्ति? 22 श्री रामः कस्मिन् युगे भातः? 23 कस्मिन् युगे कृष्णस्य जन्मः अभवत्? 24 कस्मिन् मसि होलिकोत्सवः भवति? 25 विक्रमाब्दस्य प्रारंभः कस्मात् मासात् भवति? 26 कस्य मासस्य अमावस्यां दीपावलिः मान्यते? 27 कस्मिन् मासे रावणं हत्वा रामः विजयी अभवत्? 28 तृणानि भूमिरुदकं -----नोच्छिद्यन्ते कदाचन। अयं श्लोकः कस्मात् ग्रंथात् संकलितः? 29 रिक्तस्थानानि पूरयन्तु— अद्भिः गात्राणि शुद्ध्यन्ति-----। भगवान् सूर्यः -----खेचरचक्रस्य।</p>