

Dear Parents,



Session 2018-2019 is progressing quite well. We just had our 'Orientation Session' with Primary, Middle and Secondary schoolers parents and it was heartening to see your approach, co-operation and support. APS family extends gratitude for it.

A warm welcome to students who have joined our school this session. We stand committed to providing quality education to our children. The teachers follow a detailed plan of instruction that is guided by CBSE and AWES. SAMC is our pillar of strength as our teachers focus on holistic development of our students. We shall certainly continue to implement our 'Systems Approach' to support all students by using interventions to help each child make academic progress. Progress is best assured when student, parents and school are working towards same goal. It's like when every player is an active member, the team is sure to be the best and everyone is a winner. So let's strive to be all winners!

For Summer Break Assignments, practice sheets are devised to ensure revisions for coming assessment. Kindly go to the website: www.apsbinnaguri.org and follow these steps for the same

Steps to download:

- i. Browse the website→ Home page (first page of the website)
- ii. Then check the Bulletin Board→ link will be available.

OR

Home Page→ Click on 'APS News' option→ Choose Holiday Homework option from the dropdown menu.

We would also seek your co-operation to help lift up academics. We would welcome parents to offer their names for substitute facilitators/ teachers, judges for events round the year. Kindly e-mail at apsbinnaguri1@gmail.com or give your details at Front Desk.

We truly believe that an entire community is needed to empower our students to become successful citizens. I look forward to a great year and working with such an amazing community.

Awaiting your constructive suggestions.



ARMY PUBLIC SCHOOL BINNAGURI
SCIENCE PRACTICE SHEET - 1, SESSION 2018-19
CLASS: VII

TIME: 90 MINUTES

Date:

MM: 40

Duration: _____ **to** _____

- Q.1.** What is nutrition?
- Q.2. Where is bile produced?
- Q.3. Name any two animal fibre.
- Q.4. What is sericulture?
- Q.5. Write any two differences between autotrophic and heterotrophic nutrition.
- Q.6. Where is the bile produced? Which component of food does it digest?
- Q.7. Name any four Indian breed of sheep. Mention the states where they are found.
- Q.8. Explain the processing of silk in brief.
- Q.9. Why do we get instant energy from glucose?
- Q.10. Why do organisms need to take food?
- Q.11. Give a brief description of the process of synthesis of food in green plants.
- Q.12. What are villi? Mention their location and function.
- Q.13. Explain the following terms in brief :-
Rearing, Shearing and Scouring.
- Q.14. Explain the life history of silk moth in brief with diagram.
- Q.15. Explain the feeding and digestion in amoeba with labelled diagram.
- Q.16. Show with the help of a sketch that the plants are ultimate source of energy.

ARMY PUBLIC SCHOOL BINNAGURI
SCIENCE PRACTICE SHEET - 2, SESSION 2018-19
CLASS: VII

TIME: 90 MINUTES

Date:

MM: 40

Duration: _____ to _____

- Q.1. What is cell?
- Q.2. What is meant by milk teeth?
- Q.3. What is fleece?
- Q.4. What is cocoon?
- Q.5. What is photosynthesis? Represent it as an equation.
- Q.6. Draw and label different parts of stomata.
- Q.7. Name the types of teeth we have in our mouth. Mention their function.
- Q.8. Name any two digestive glands and mention their function.
- Q.9. Explain shearing and scouring in brief.
- Q.10. What is meant by occupational hazards? Explain it in brief.
- Q.11. How will you differentiate an artificial Silk thread and a natural silk thread? Explain it in brief.
- Q.12. Name the type of carbohydrate that can be digested by ruminants but not by humans. Give the reasons.
- Q.13. How would you test the presence of starch in leaves?
- Q.14. What is chlorophyll? Draw and label the internal section of a leaf.
- Q.15. Draw and label different parts of human digestive system.
- Q.16. What is stomata? Draw and label different parts of it. Mention its function.

ARMY PUBLIC SCHOOL BINNAGURI
SCIENCE PRACTICE SHEET - 3, SESSION 2018-19
CLASS: VII

TIME: 90 MINUTES

Date:

MM: 40

Duration: _____ **to** _____

- Q.1.**What is food?
- Q.2. Write down the reaction that takes place during photosynthesis.
- Q.3. What is bile?
- Q.4. Name any four wool yielding animals.
- Q.5. List out the main characteristics of living beings.
- Q.6. Name and define the major modes of nutrition.
- Q.7. Differentiate between ingestion and egestion.
- Q.8. What is assimilation? Why is it important?
- Q.9. Discuss the health hazards associated with sericulture.
- Q.10. Discuss rearing of sheep in brief.
- Q.11. With the help of a diagram, explain the process of photosynthesis.
- Q.12. Briefly discuss the process of silk production.
- Q.13. With the help of diagram, describe how an amoeba gets its nutrition.
- Q.14. Name the different organs that form the alimentary canal. Explain any two of them.
- Q.15. What are the ways by which the nutrient content of the soil can be replenished?
- Q.16. Describe briefly the process of extracting wool.

ARMY PUBLIC SCHOOL BINNAGURI
SCIENCE PRACTICE SHEET - 4, SESSION 2018-19
CLASS: VII

TIME: 90 MINUTES

Date:

MM: 40

Duration: _____ **to** _____

- Q.1. Write down the reaction that takes place during photosynthesis.
- Q.2. Write down the function of stomata.
- Q.3. Name any two types of silk.
- Q.4. Name the digestive glands present in our digestive system.
- Q.5. How do the parasitic plants obtain their food?
- Q.6. What is meant by insectivorous plant? Explain it with example.
- Q.7. Name any three Indian breeds of sheep that gives us wool.
- Q.8. Why is shearing usually done in summer.
- Q.9. What is villi? What is its function?
- Q.10. How many chambers does a ruminant stomach have? Name them.
- Q.11. Define nutrition. Name the major modes of nutrition.
- Q.12. Write down the conditions necessary for photosynthesis.
- Q.13. Explain any three health hazards in sericulture.
- Q.14. What is scouring? Why is silk production not considered an eco-friendly practice.
- Q.15. Draw and label different parts of human digestive system.
- Q.16. Draw and label different parts of a plant. Show the edible parts in it.
