

Test Jot Series

Test Jot Test Series

Student Name:			Class:	9th
Paper Type:	Chapter#9		Subject:	Physics (SNC)
Paper Time:	1 Hour		Maximum Marks:	30

Q1. Choose the correct option.

(6X1=6)

1. Which branch of science plays vital role in technology and engineering?

(A) Biology	(B) Chemistry	(C) Geology	(D) Physics
-------------	---------------	-------------	-------------

2. Mechanics is divided into types.

(A) Two	(B) Three	(C) Four	(D) Five
---------	-----------	----------	----------

3. Which techniques are used in medical physics?

(A) X-Ray	(B) MRI	(C) CT Scan	(D) All of these
-----------	---------	-------------	------------------

4. Physics is used in which field is engineering?

(A) Mechanical	(B) Electrical	(C) Civil	(D) All of the above
----------------	----------------	-----------	----------------------

5. Rapid sharing of knowledge and information is enable by:

(A) Internet	(B) Books	(C) Journals	(D) Conferences
--------------	-----------	--------------	-----------------

6. A user friendly software application of smart phone use:

(A) mechanics	(B) IT	(C) Electricity	(D) electronics
---------------	--------	-----------------	-----------------

Q2. Write down short answers of following questions.

(7X2=14)

[i] Define physics. Name some branches of it.	[ii] Define heat and thermodynamics.
[iii] How does rapid sharing of knowledge and information impact the research process?	[iv] Do you think that the existing laws of nature may need a change in future? Describe briefly. (Constructed Response Question)
[v] What is the basis of laser technology?	[vi] What is the role of physics in technology development?
[vii] Who are the benefits of laser technology in medical field?	

Q3. Write detailed answers of the following questions.(Answer any 2)

(2X5=10)

1. Describe the scope of physics in technology. Explain how physics is used in the development of computer, smartphones, and other electronic devices.
2. Discuss relationship between science, technology and engineering provide examples to illustrate their inter dependence.
3. How has the integration of physics with other scientific discipline led to advancements in field like medicine and space exploration? Provide specific examples.