

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	MA/M.ED	SEMESTER	SPRING 2019
PAPER	TEACHING OF PHYSICS(6516)	MAXIMUM MARKS	100
TIME ALLOWED	03 HOURS	PASS. MARKS	40

NOTE : ATTEMPT ANY FIVE QUESTION

Q.NO.1	Briefly describe the views of Bruner, Gagne , Ausubel and Piaget on curriculum development. Also discuss the implications of their views in physics curriculum.	20
Q.NO.2	What is teaching method. Why is it important to select an appropriate teaching method for effective teaching. Which teaching method is best for teaching physics.	20
Q.NO.3	(a) Compare formative and summative assessment. Draw similarities and differences. (b) Describe the difference between normal referenced and criticrion referenced assessment with the help of examples.	20
Q.NO.4	What is lesson planning. Plan a lesson for teaching 'Equilibrium'.	20
Q.NO.5	Differentiate between assessment and evaluation. Describe the role of assessment and evaluation for teaching physics.	20
Q.NO.6	What is friction. Describe its nature and types. Also write its applications.	20
Q.NO.7	a. Compare simulations and games b. State and derive the 2 nd equation of motion.	20
Q.NO.8	Explain the following term by using appropriate examples. 1- Electromagnetism 2- Joule's Law 3- Electric potential Energy 4- Absolute potential.	20