**Reg. No. \_\_\_\_\_\_\_\_**

**Karunya University**

**(Karunya Institute of Technology and Sciences)**

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

**Supplementary Examination - June 2011**

**Subject Title: IP TV AND INTERNET VIDEO Time: 3 hours**

**Subject Code: 09IT229 Maximum Marks: 100**

#### **Answer ALL questions**

**PART – A (10 x 1 = 10 MARKS)**

1. Define Internet protocol.

2. List any two characteristics of IPTV.

3. Give the number of IEEE standard of wi-fi.

4. What is the middleware?

5. Define bandwidth.

6. Define multicasting.

7. Define streaming.

8. Where are gateways used?

9. What is the purpose of video on demand servers?

10. List any one security measure of video broadcasting.

**PART – B (5 x 3 = 15 MARKS)**

11. Differentiate between IP TV and internet video.

12. Describe the type of IP network.

13. Give the reason to compress a video.

14. What are the advantages of multiple televisions?

15. What is meant by the term “commercial players”?

**PART – C (5 x 15 = 75 MARKS)**

16. Write a note on constructing an internet video system.

(OR)

17. Discuss on Microsoft window media techniques.

18. Explain the factors that affect video quality.

(OR)

19. Discuss on the Transport Protocols.

20. Discuss on video on demand servers and advertising servers.

(OR)

21. Discuss on encryption and right management.

22. Explain DSL technologies.

(OR)

23. Discuss on Home gateway in detail.

24. Explain the basic function of Set Top Boxes.

(OR)

25. Explain the types of Internet streaming.