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**Started on** Thursday, 13 October 2022, 9:30 AM

**State** Finished

**Completed on** Thursday, 13 October 2022, 9:52 AM

**Time taken** 22 mins 48 secs

Question **1**

Correct

Marked out of 1.00

In GOP header Of a MPEG-1 bitstream, Let M=3 and N=12. Which frame ordering is correct?

- ☒ a. I B B P B B P B B P B B I
- ☐ b. I P B B P P B B P B P P I
- ☐ c. I B B B B P B B B B P B B B B I
- ☐ d. I P P B P P B P P B P P I



Question **2**

Correct

Marked out of 1.00

In MPEG Video Compression, P Frames are predicted from

- ☒ a. Either Previous P Frame or Previous I Frame
- ☐ b. Previous I frame only
- ☐ c. Previous P frame only
- ☐ d. Either Previous P Frame or Next P Frame



Question **3**

Correct

Marked out of 1.00

In MPEG Video Compression, B Frames are predicted from

- ☒ a. Previous I or P frame and Next I or P frame
- ☐ b. Previous P Frame and Next P Frame only
- ☐ c. Previous I Frame and Next I Frame Only
- ☐ d. Previous B Frame Only

Question **4**

Correct

Marked out of 1.00

In MPEG Video Compression, I Frames are:

- ☒ a. Not Predicted from either I or P Frames
- ☐ b. Predicted From previous I or P Frame
- ☐ c. Predicted from Next I Frame
- ☐ d. Predicted from Previous I Frame

Question **5**

Correct

Marked out of 1.00

In GOP header of MPEG-1 bitstream, M represents:

- ☐ a. Distance Between two B frames
- ☐ b. No of Frames in a Group Of Pictures
- ☒ c. Distance between two Anchor frames
- ☐ d. Distance between two I Frames



Question **6**

Correct

Marked out of 1.00

Field Weaving is a method of Field Combination Deinterlacing

Select one:

- ☒ True ✓
- ☐ False

Question **7**

Correct

Marked out of 1.00

In Interlaced scan, Field difference is used for motion detection

Select one:

- ☐ True
- ☒ False ✓

Question **8**

Correct

Marked out of 1.00

In Field Extension Deinterlacing, Even and Odd Fields are combined to create a frame

Select one:

- ☐ True
- ☒ False ✓

Question **9**

Correct

Marked out of 1.00

In Half Sizing Algorithm of Field Extension Deinterlacing, Vertical and horizontal resolution are halved

Select one:

- ☐ True
- ☒ False ✓

Question **10**

Correct

Marked out of 1.00

IN HD Digital Video Format 720P, Frames are Displayed in Interlaced Mode

Select one:

- ☐ True
- ☒ False ✓

Question **11**

Correct

Marked out of 1.00

In Progressive scan, all pixels are displayed in one scan

Select one:

- ☒ True ✓
- ☐ False

Question **12**

Correct

Marked out of 1.00

NTSC Analog Video Format has 480 lines and 30 frames per second

Select one:

- ☒ True ✓
- ☐ False

Question **13**

Correct

Marked out of 1.00

PAL Analog Video Format has 525 visible lines and 50 frames per second

Select one:

- ☐ True
- ☒ False ✓

Question **14**

Correct

Marked out of 1.00

In Principal Component Analysis, Eigen vectors of Covariance Matrix is used

Select one:

☒ True ✓

☐ False

Question **15**

Correct

Marked out of 1.00

In Principal Component Analysis, Eigen Values are arranged in increasing order

Select one:

☐ True

☒ False ✓

[◀ Class Test-1](#)

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