

18/c

**SUITABILITY TEST FOR THE POST OF PHOTOGRAPHER (EX-CADRE) IN PAY BAND**

**RS 5200 – 20200 WITH GRADE PAY OF RS 2400/-**

DATE : 01-09-2015

TOTAL MARKS – 100

TIME – 3 Hrs

**Instruction to candidates**

- 1) Candidates will not be permitted to use electronic gadgets such as calculator, cell phone etc. In the examination hall.
- 2) Candidates should not write their name / Address or put their signature anywhere in the answer booklet.
- 3) Mark allotted to the questions are indicated against the respective questions.
- 4) No correction is permitted in the objective type questions.
- 5) Question paper contains 3 parts namely Part - A, Part – B and Part - C.
- 6) Part – A is Objective type.
- 7) Answer all questions in part – A & Part - B

**PART - A**

**I. FILL IN THE BLANKS**

**(1 x 10 = 10 Marks)**

- a. A megapixel is \_\_\_\_\_
- b. A DSLR camera is \_\_\_\_\_ camera
- c. The \_\_\_\_\_ camera consumes very little power (less than 0.2 mA) in standby mode / surveillance
- d. The \_\_\_\_\_ camera kit can power a 12mp camera for up to 1 year
- e. A DVD disc can store up to \_\_\_\_\_ GB data in it
- f. \_\_\_\_\_ technology which enables images and videos to be sent automatically via mobile phone or email
- g. Full HD resolution is \_\_\_\_\_ X \_\_\_\_\_
- h. The camera used to take instant photo without Negative is called \_\_\_\_\_
- i. The standard diameter of a CD/DVD disc is \_\_\_\_\_
- j. 640 x 480 pixel image with 24-bit color would occupy almost \_\_\_\_\_ Megabyte of space \_\_\_\_\_

**II. State True or False**

**(1 x 10 = 10 Marks)**

- a. Trophy Cam HD has the fastest trigger speed of 0.6 seconds
- b. A CD can store up to 620 MB of data in it
- c. JPEG is a vector format
- d. Ultra HD video uses 3 video formats
- e. Triluminous is a RGB LED lighting Technology
- f. The Photos & videos can be stored by 3 types ie. Magnetic, optical, solid state
- g. Micro SDXC Memory Card 128 GB can approximately store 16 hours of Full HD video, 7500 songs, 3,200 photos and more than 125 apps, all on a single removable card
- h. Common video file extension include .Mpg, .Mov, .Wmv, and .Rm
- i. A Conventional (pre -BD-XL) Blu-ray - 2 layer Disc can store up 45 GB of data in it
- j. A DVD disc can be played in a VCD player

III. **Expand the Following:-**

(1 x 10 = 10 Marks)

- |            |         |
|------------|---------|
| a. PAL     | f. JPEG |
| b. NTSC    | g. DVD  |
| c. SD CARD | h. BMP  |
| d. RGB     | i. GIF  |
| e. CMY     | j. VHS  |

IV. **Choose the correct answer**

(1 x 10 = 10 Marks)

- a) The Most of CD's are made from  
i) Rubber    ii) Polycarbonate    iii) Plastic    iv) HDPE plastic
- b) Most of the CD/DVD player works on  
i) Digital Rubber Technology    ii) Optical Fibre Technology  
iii) Optical Laser Technology    iv) Optical Digital Technology
- c) In a CD the side in which recording is being done has a protective layer of  
i) Aluminum    ii) Lacquer    iii) Plastic    iv) Magnetic
- d) Which one is a video file format?  
i) .vro    ii) .amc    iii) .ivr    iv) .wm    v) All of these
- e) Which one is a Photo editing software?  
i) Photoshop    ii) Image editing    iii) Photo editing    iv) All of these
- f) In developing negative, the common FIXER used is  
i) Ammonium    ii) Citric acid    iii) Ammonium thiosulfate  
iv) None of these
- g) Which one is the best method for storing VHS tape  
i) Keep away from heat    ii) Keep in cool dry place  
iii) Keep in upright position    iv) Tape must be kept inside the box  
v) All of these
- h) Which institute Teaches Photography?  
i) National college of media & communication  
ii) Photography academy  
iii) FIITJEE institute of photography  
iv) None of these
- i) Best award given in photography in world is  
i) LG world photography award  
ii) Sony world photography award  
iii) National photography award  
iv) None of these
- j) Who won the world's best wild life photographer for the year 2014  
i) Allan donald  
ii) Johnson  
iii) Michael nichols  
iv) None of these

**PART - B**

I. **Explain briefly in two to three lines**

**(2 x 10 = 20 Marks)**

- a. Auto PIR Sensitivity
- b. Hyper Night Vision
- c. Field Scan 2x with Live Trigger
- d. GPS Geotag Capability
- e. Multi Flash Mode (LED Control)
- f. Hybrid Capture
- g. NV Shutter
- h. Photography
- i. Photojournalism?
- j. What is Snapshot photography

**PART - C**

**Answer any four questions**

**(10 x 4 = 40 Marks)**

I.

- a) What is high - speed camera
- b) Digital Technology
- c) What is Vernacular Photography?

II.

- a) Who is a Photographer? Explain
- b) Why We Need Photography
- c) What is ISO?

III.

- a) What is Official language policy?
- b) What are the Exam's conducted in Hindi
- c) What are Awards given for marks secured in Hindi exam?

IV.

Write Short notes on the following:-

- a) Hospital leave
- b) Maternity leave
- c) Paternity leave
- d) Child care leave

V.

- a) What is the Aperture in Photography explain?
- b) What is Image Stabilization?
- c) What is a Telephoto Lens?

VI.

- a) What is Trophy Cam or a digital scouting camera?
- b) What is Blu-ray Disc? Explain
- c) How do Night Vision Cameras operate? Explain

VII.

- a) Explain Image resolution?
- b) What are the Advantages of external storage?