

# **GUESS QUESTIONS** from **2011** **National Science Day Quiz**

**Conducted by: Defence Science Forum**

Time: 60 min.

Total Questions: 50

Total Marks: 100

**Time: 2.30-3.30 PM      Date: 10 Feb 2012**

Bhagavantham Auditorium, Metcalfe House, Delhi

**(ALSO SIMULTANEOUSLY AT ALL DRDO LABS)**

Name:

Designation:

Lab/Estt:

Mobile No:

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### **Guidelines**

- Open to all categories of officers/staff working in DRDO
- Write your Name & Lab. and MOBILE no. clearly
- Multiple choice questions are about DRDO products, services & current news
- All questions are compulsory ---- There is no negative marking
- All answers carry equal marks (1 mark) unless otherwise specified
- Mark one choice only

**Example:** Match *the following*:

**Question:**

- |                           |               |
|---------------------------|---------------|
| a) Indian Aerostat        | ( ) Rohini    |
| b) 3 D surveillance radar | ( ) Akashdeep |

Answer:

- |                           |                 |
|---------------------------|-----------------|
| a) Indian Aerostat        | ( b) Rohini     |
| b) 3 D surveillance radar | ( a ) Akashdeep |

- Objective type written test shall be conducted at respective labs/estts outside Delhi **on 10<sup>th</sup> Feb 2012** at 2.30 PM and for all Delhi based staff at **Dr Bhagavantham** Auditorium, Metcalfe House from 2.30 to 3.30 PM also **on 10<sup>th</sup> Feb 2012**.
- Labs outside Delhi shall communicate name of Top 2-3 scorer to DSF **latest by 14<sup>th</sup> Feb 2012 (4 PM) to DSF by FAX (LASTEC 01123811319) and E MAIL (vjinmas@gmail.com)**.
- **15<sup>th</sup> Feb 2012** : Tele quiz of Top 10 rankers of DRDO among all DRDO Labs (10 AM to 12 Noon only)
- Prize distribution will be on **28<sup>th</sup> Feb 2012 on National Science Day at Delhi**.

Helpline: 09891310600, 09968919500

1. DRDO was formed in  
(a) 1947      (b) 1950      (c) 1954      (d) 1958
  
2. Name the Medium Altitude Long Endurance (MALE) *Unmanned Aerial Vehicle* – whose trial was carried out 2010  
(a) Rustom    (b) Mareech    (c) Nano      (d) BrahMos
  
3. What is the name of Indian Aerostat of 2000 cum capacity?  
(a) Rustom    (b) Mareech    (c) Akashdeep      (d) BrahMos
  
4. Country's *first indigenous active array radar* was installed for trial evaluation of the EOFCS on  
(a) INS Shivalik      (b) INS Trishul      (c) INS Ganga (d) INS Virat
  
5. Name the *Advanced Torpedo Defence System (ATDS)* developed by DRDO  
(a) Rustom    (b) Mareech      (c) Akashdeep    (d) MLRS
  
6. Block III version of \_\_\_\_\_ missile was successfully flight-tested from Launch Complex III, at Integrated Test Range (ITR), Chandipur, on 02 December 2010  
(a) BrahMos    (b) Agni III    (c) Agni I      (d) Prithvi
  
7. Name the lab which has developed state-of-the-art test system for comprehensive *evaluation of Laser Guided Munitions (LGM)* delivery kit  
(a) VRDE      (b) DFRL      (c) DRDE      (d) LASTEC
  
8. Recently the inauguration of *Power Systems and Engineering Centre and Polymer Science and Technology Centre* was done at  
(a) DMRL      (b) DMSRDE      (c) DRDE      (d) NMRL
  
9. A state-of-the-art and one of the biggest of its kind in the world, Automotive Electromagnetic Compatibility (EMC) test facility known as *EMC Tech Centre*, is established at  
(a) VRDE      (b) DMSRDE      (c) DRDE      (d) HEMRL
  
10. This DRDO lab has successfully deployed the nearest neighbors method to assess *avalanche occurrence* probability in most parts of Western Himalayan region  
(a) VRDE      (b) SASE      (c) DRDE      (d) HEMRL
  
11. This DRDO lab has developed two types of Uncooled Thermal Sights: Mark-I and Mark-II based on high performance 384 x 288 elements *IRFPA microbolometer VOx detector*  
(a) TBRL      (b) DMSRDE      (c) CVRDE      (d) IRDE

12. This DRDO Lab has developed a low temperature compression molding process for composite bipolar plate, using suitable grade graphite powder in a thermoset matrix (phenolic).

- (a) ISSA (b) DMSRDE (c) SAG (d) NMRL

13. \_\_\_\_\_ radar is an indigenous 3 D surveillance radar development by LRDE

- (a) Rohini (b) Sarvatra (c) Mareech (d) Agni III

14. Who delivered the Defence Science Forum organized HR oration on 7 Jan 2011?

- (a) Dr N Trehan (b) Dr R Chidambaram (c) Sri Sri Ravi Shankar (d) Swami Ramdev

15. National Science Day is celebrated on

- (a) 11 May (b) 1 Jan (c) 28 Feb (d) 7 March

16. Match the DRDO Awards Vs Lab

**3 Marks**

- |                             |     |         |
|-----------------------------|-----|---------|
| a. Silicon Trophy 2009      | ( ) | CVRDE   |
| b. Titanium Trophy 2009     | ( ) | DMRL    |
| c. Science Comm. Award 2009 | ( ) | DESIDOC |

17. Match the following (as given at DRDO Website 1 Jan 2011)

**10 Marks**

- |                          |     |                          |
|--------------------------|-----|--------------------------|
| a. Dr A Sivathanu Pillai | ( ) | DS & CC R&D, CEO BRAHMOS |
| b. Dr Prahlada           | ( ) | DS & CC R&D (Ae & SI)    |
| c. Dr W Selvamurthy      | ( ) | DS & CC R&D (NS M & HR)  |
| d. Shri G Elangovan      | ( ) | DS & CC R&D (R&M)        |
| e. Shri S Sundaresh      | ( ) | DS & CC R&D (LS)         |
| f. Dr K Sekhar           | ( ) | OS & CC R&D (MS & LIC)   |
| g. Dr J Narayana Das     | ( ) | OS & CC R&D (ACE)        |
| h. Dr R Sreehari Rao     | ( ) | OS & CC R&D (ECS)        |
| i. Dr. KD Nayak          | ( ) | OS & CC R&D (MED & MIST) |
| j. Dr SK Vasudeva        | ( ) | CC R&D (SS)              |

18. Nag is

- (a) a Naval missile (b) an Aircraft (c) an Anti-tank missile (d) an ICV

19. Compo pack ration is product of

- (a) IRDE (b) FRL (c) ITR (d) DFRL

20. Bhim – T6 is a

- (a) Torpedo (b) Missile (c) SP 155 mm Gun (d) Tank

21. Rearrange the following labs/estts by location moving from North to South (1 to 5)

**5 Marks**

- CVRDE ( )
- ADRDE ( )
- SAG ( )
- SASE ( )
- RCI ( )