

Flamsteed Astronomy Society Xmas Quiz 2005

Circle the correct answer

(except in Qs 20 and 21: match-up and mark the numbers of all 4 pictures)



f@nmm

Name: _____

1 On March 4, 2005 how old was the post of Astronomer Royal (Astronomical Observator)?

- a) 310 years c) 330 years
b) 329 years d) 335 years

2 How long does it take the Earth to spin once on its axis?

- a) 1 day c) 1 year
b) 1 month d) 23 hrs 56 mins

3 Which is the odd one out?

- a) Gluon c) Klingon
b) Meson d) Boson

4 What is 2003 UB313?

- a) 313BU 2003 backwards c) Gabrielle
b) A large TNO d) A claim form for unemployment benefit

5 Who invented the caesium atomic clock?

- a) Sir Clive Sinclair c) Gene Amdahl
b) Louis Essen d) Wallace & Grommit

6 The bright comet seen in 1910 was comet ... ?

- a) Skjellerup-Maristany c) Tottington
b) Donati d) Halley

7 In Lambda-CDM hypotheses, how much of the mass & energy in the Universe is Cold Dark Matter

- a) 5 percent c) 70 percent
b) 25 percent d) are you kidding?

8 When were the moons of Mars discovered?

- a) 1807 c) 1877
b) 1827 d) 1907

9 What is the present mission to Saturn called?

- a) Giotto c) Clavius
b) Cassini d) Galileo

10 Where is the SOHO satellite?

- a) On the way to Venus c) 27, Dean Street W1
b) Between the Earth and the Sun d) Orbiting Saturn

11 From Dagenham, how long would a Ford Cortina, going flat out (say 50 mph), take to get to the Moon?

- a) about 6 days c) about 6 months
b) about 6 weeks d) forever

12 Who is the odd one out?

- a) Edwin Aldrin c) Alan Shepherd
b) Jim Lovell d) Harrison Schmitt

13 What is the temperature of a typical sunspot?

- a) 14 million degrees C c) 5,800 degrees C
b) 80,000 degrees C d) 4,000 degrees C

14 Where do most long-period comets appear to originate?

- a) The Kuiper Belt c) The asteroid belt
b) The Oort Cloud d) Tesco's

15 How many Cassinis were Directors of the Paris Observatory?

- a) 1 c) 3
b) 2 d) 4

16 Where is Mount Erebus?

- a) Mars c) The Moon
b) Earth d) Io

Flamsteed Astronomy Society Xmas Quiz 2005 continued

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17 When was Einstein's General Theory of Relativity published?

- a) 1895
- b) 1905
- c) 1915
- d) 1925

18 Who was George Airy's uncle?

- a) Anna Airy
- b) Richarda Smith
- c) Arthur Biddell
- d) Wilfrid Airy

19 Who discovered the Galilean satellites of Jupiter?

- a) Urbain Le Verrier
- b) Jacques Cassini
- c) Galileo Galilei
- d) Johannes Kepler

**20 Match the names to the pictures (one point each)
In pictures 1a to 1d, which picture is the ... ?**

- a) Triffid nebula
- b) Pelican nebula
- c) N. American nebula
- d) Bubble nebula

**21 Match the names to the pictures (one point each)
In pictures 2a to 2d, which picture is ... ?**

- a) Yerkes
- b) Lick
- c) Berlin-Treptow
- d) Cote d'Azur

22 Where is the First Point of Aries?

- a) Where Aries left it
- b) On the tip of the Ram's nose
- c) In Pisces
- d) On the horizon on the equator at midnight

23 Where is the largest refractor in Europe?

- a) At Berlin-Potsdam
- b) At Paris Meudon
- c) At Yerkes Observatory
- d) At Polkova Observatory

24 Astronomers say "Every Good Boy Deserves Favour" to remember ... ?

- a) Their mis-spent youth
- b) Colours of the spectrum
- c) Stellar spectral types
- d) Notes on the music treble clef

25 Look at Picture 3. Is it ... ?

- a) M81
- b) M31
- c) NGC253
- d) M83

26 Picture Question -- Odd one out

In pictures 4a to 4d which is the odd one out?

- a) 4a The Rosette
- b) 4b The Helix
- c) 4c The Whirlpool
- d) 4d V838 Monocerotis

Maximum 32 points

27 Tie-breaker

What is the object in picture 5?

28 Tie-breaker

Who is the person in picture 6?
