

Flamsteed Astronomy Society Christmas Quiz 2004

Circle the correct answer



Name: _____

1 What comes next in the sequence Mercury, Venus, Earth... ?

- a) Mars
- b) The Moon
- c) Jupiter
- d) Saturn

2 What is the Galaxy C5A?

- a) The Cat's Eye Nebula
- b) A US military aircraft
- c) A chocolate bar
- d) Barnard's Galaxy

3 Which is the odd one out?

- a) 149,600,000 km
- b) 30p
- c) 93,009,000 miles
- d) 499 seconds

4 Where is the tomb of Edmund Halley?

- a) St John at Hampstead
- b) St Bart's Burstow
- c) St Margaret's Lee
- d) Westminster Abbey

5 Who discovered Neptune?

- a) Urbain Le Verrier
- b) John Couch Adams
- c) Johann Galle
- d) George Airy

**6 Picture Question. Look at Picture 1
What is Object B?**

- a) Sirius
- b) Pollux
- c) Procyon
- d) Saturn

7 Where can you hear "I've seen things you people wouldn't believe. Attack ships burning off the shoulder of Orion ... " ?

- a) The Wizard of Oz
- b) The Sound of Music
- c) The Matrix
- d) Blade Runner

8 How can you tell a Newtonian from a Maksutov?

- a) By his accent
- b) The Newtonian eyepiece
- c) The Mak. is white
- d) The Newtonian is usually up the top end shorter

9 Where did James Cook go to observe the 1769 Transit of Venus?

- a) Tahiti
- b) Clapham
- c) Botany Bay
- d) Hawaii

10 For what star was the first published accurate measurement of parallax?

- a) Gamma Draconis
- b) Vega
- c) Alpha Centauri
- d) 61 Cygni

11 What did the 'A' stand for in C. A. Parsons?

- a) Algernon
- b) Albert
- c) Andrew
- d) Alice

12 Which year comes next in the sequence 1639, 1761, 1769, 1874 ... ?

- a) 1881
- b) 1882
- c) 1883
- d) 1884

13 Who was first to identify Saturn's rings correctly?

- a) Galileo
- b) Cassini
- c) Huygens
- d) Maxwell

14 Which is the odd one out?

- a) M1
- b) M4
- c) M5
- d) M11

15 Who comes next in the series Flamsteed, Halley, Bradley ... ?

- a) Maskelyne
- b) Pond
- c) Christie
- d) Airy

**16 Picture Question. Look at Picture 1
What is Object A?**

- a) Alpha Orionis
- b) Betelgeuse
- c) HD 39801
- d) 58 Orionis

17 What is the correct present spelling of the name of the former home of the Royal Greenwich Observatory?

- a) Herstmanceux
- b) Hurstmonceux
- c) Herstmonceaux
- d) None of the above

18 What is the distance to Earth's nearest star?

- a) 1.29 parsecs
- b) 149.6 million kms
- c) 4.22 light years
- d) 2.64 parsecs

19 What is 'Syzygy' ?

- a) Painful
- b) The position of the Moon when full or new
- c) Easy for **you** to say!
- d) The position of the Moon when at half phase

20 What is the temperature of the Cosmic Microwave Background radiation?

- a) -273.15°C
- b) 2.7°C
- c) -270.4°C
- d) 212°F

Flamsteed Astronomy Society Christmas Quiz 2004 continued

Circle the correct answer

21 Who is Jean-Luc Picard?

- a) Manager of Chapter II b) Surveyor of France c. 1765
- b) Inventor of the c) Captain of the Starship
- Bathyscape *Enterprise*

22 Who won the FA Cup in 1979?

- a) Arsenal c) Accrington Stanley
- b) Everton d) Manchester United

23 Who said "Frankly, my dear, I don't give a damn" ?

- a) Thatcher to Reagan c) Astaire to Rogers
- b) Rhett Butler to d) Eddie to Mike about Q22
- Scarlett O'Hara

24 Who is the odd one out?

- a) William Herschel c) Nathaniel Bliss
- b) Nevil Maskelyne d) John Pond

25 Which was the first planet discovered in recorded history?

- a) Saturn c) Uranus
- b) Neptune d) Vulcan

26 In addition to Flamsteed and Tycho, which astronomer appears in the Painted Hall Greenwich?

- a) Galileo c) Newton
- b) Halley d) Copernicus

27 What's it called when a planet is exactly the other side of the Earth from the Sun?

- a) Occultation c) Opposition
- b) Conjunction d) Precession

28 What is 18 yrs 10 - 11 days (6585.3 - 6585.8 days)?

- a) A very good age to be c) The Metonic Cycle
- b) The Saros d) The synodic period of
- Earth & Mars

29 Picture Question. Look at Picture 2 What is Object A?

- a) Deneb c) Vega
- b) Polaris d) Algol

30 What type of star is Betelgeuse?

- a) Red Dwarf c) Red Giant
- b) Blue Giant d) Jolly Green Giant

31 Which is the odd one out?

- a) Tethys c) Titan
- b) Io d) Iapetus

32 Which of these was written by Galileo Galilei?

- a) De Revolutionibus c) De Nova Stella
- b) Sidereus Nuncius d) In Loco Parentis

33 Picture Question. Look at Picture 2 What is Object B?

- a) Alpha Lyrae c) Gamma Draconis
- b) Beta Ursae Majoris d) Delta Cephei

34 What was Copernicus educated to be?

- a) Astronomer c) Priest
- b) Doctor d) Sagger maker's bottom
- knocker

35 What's the purpose of an equatorial mounting?

- a) To have fun in the tropic; c) To have many bits to drop
- b) To have fun anywhere d) To help keep the thing
- pointed at the same place

36 Astronomers say "Wow! Oh be a fine girl, kiss me right now Sweetie" to remember ... ?

- a) Their mis-spent youth c) Stellar spectral types
- b) Colours of the spectrum d) Tuning of a guitar's
- strings

37 What type of mirror is used in the Great Equatorial 28-inch refractor at Greenwich?

- a) Metal speculum c) Aluminium on pyrex
- b) Silver on glass d) ..er. You've been listening
- to Mike again

38 When might you hope to see the Leonids?

- a) July 23 - August 20 c) November 15 - 20
- b) December 7 - 16 d) 6:00 pm on Channel 4

39 Who observed the first recorded Transit of Venus?

- a) Edmund Halley c) Nevil Maskelyne
- b) Tycho Brahe d) Jeremiah Horrocks

40 In which constellation is the star Aldebaran?

- a) Orion c) Cortina
- b) Taurus d) Auriga