1．It＇s nne of the five major rivers of France．It rises in the Spanish Pyrenees，and flows through NW France to join the Dordogne before emptying into the Bay of Biscay at an estuary called the Gironde．mouslouse and Bordeaux lie along its course。 For 10 points，name this river． the Garonne

2．In 1817 Johan August Arvedson discovered it in the mineral petalite．It＇s also found in lepidolite，amblygonite，and triphylite。 It has a Mohs hardness of $\cdot 6$（point six），reacts easilj with water， tarnishes quickly in air，and，when heated，unites with nitrogen。 For 10 points，name this soft white metal of Group I－A． Iithium

3．National．Maritime Day was proclaimed in 1935 to commemorate the 1819 trans－Atlantic crossing of this 350－ton ship－－the first to cross with the assistance of steam。 For 10 points，name her． the S．S．Savannah

4．Karl Malden and Kim Hunter won the Oscars for Best Supporting Actor and Actress in this 1951 film．Vivien Leigh won the Oscar for Best Actress．For 10 points，name the movie． A STREETCAR NAMED DESIRE

5．Now mostly forgotten，he influenced Wagner，Nietzsche，and Hitler．In his treatise，The Inequality of Euman Races，＂he stated that Aryan societies will become immoral and corrupt if mixed with other races．For 10 points，name this French diplomat and author． Joseph Arthur，comte de Gobineau

6．In 1941 Ted Williams batted an amazing．406，but he wasn＇t the American League＇s Most Valuable Player．For 10 points，who was the American League MVP in 1941？

Joe Dimaggio（it was the year he hit safely in 56 straight games）

7．Vanua Levu（VAH－new－ah LIV－OO）was discovered in 1642 by Abel Tasman．Viti Levu（Vee－tee IEV－00）was discovered in 1789 by Captain William Bligh，and is the site of the city of Suva（SUE－vah）， the capital of this South Pacific country．For lo points，name it。 Fiji

8．During the Serbo－Bulgarian War，Captain Bluntschli climbs in the window of Raina Petkoff，fiance of Sergius，a Bulgarian officer． So begins George Bernard Shaw＇s romantic comedy，a debunking of military heroics that takes its title from THE AENEID。 For 10 points，name this play．

ARMS AND THE MAN
9。 It first began publishing in 1847 as the CUMMINGS＇EVENING TEIEGRAPHIC BULIETIN，and won the Pulitzer Prize in 1964 and 1965．Once the nation＇s largest afternoon daily，it finally died in 1982．For 10 points，name this newspaper．
the PHILADELPHIA BULIETIN

10．Veronese，Tintoretto，and Titian all made it the subject of a painting．Although the Venetians and the Spaniards soon quarrelled away their temporary control of the Mediterranean， the battle they won has been called the greatest since Actium． For 10 points，name this 1571 battle，fought off the coast of Greece．

Lepanto
A dyne is
110 The force necessary to accelerate a one－gram mass one centimeter per second per second，－．．．For 10 points，what force is necessary to accelerate a one－pound mass one foot per second per second？
a poundal
12．The famous picture of Washington crossing the Delaware has two major mistakes：first，the flag shown wasn＇t approved until six months later，and second，there＇s some idiot standing up in the boat．For 10 points，who painted these mistakes in his ＂Washington Crossing the Delware＂？

Emanuel Leutze
13．Continental，marine，littoral，and mountain．．．For 10 points， what fundamental meteorological concept is divided into these types？ Climate

14．Like T．S．Eliot，he attempted to revive verse drama，in such plays as A SLEEP OF PRISONERS，VENUS OBSERVED，and THE LADY＇S NOT FOR BURNING。 For 10 points，name this English dramatist． Christopher Fry

15．The Harvest moon is the full moon nearest the autumnal equinox．For 10 points，what name is given to the first full moon after the Harvest moon？
the Hunter＇s moon
16．It was once part of the ancient kingdom of Sheba，and for a thousand years so prosperous that the Romans called it Felix Arabia．In the 9th century the Zaidi（ZAY－die）family founded a dynasty that ruled until 1962，despite occasional occupation by the Ottoman Turks．Ruled by the military since 1974，it occupies the Southwest corner of Saudi Arabia．For 10 points， name this country． Yemen（not South Yemen）Accept：Yemen Avab Republic
17．As Sholom Aleichem，he wrote poems and stories in Yiddish， including TEVYE＇S DAUGHTERS，that became the musical FIDDIER ON THE ROOF．For 10 points，what was the real name of Sholom Aleichem？ Solomon Rabinowitz

18．For 10 points，in what Broadway musical do the dance hall hostesses sing：＂The minute that you walked in the joint I could see you were a man of distinction－－ A real big spender．．．＂？

## SWEET CHARITY

19。 John W，Bricker was Thomas Dewey＇s running mate in his unsuccessful campaign of 1944．For 10 points，what man，later more famous in his own right，ran and lost with Dewey in 1948？ Earl Warren
20. England and France fought the Hundred Years' War ; and almost everyone fought in the Thirty Years' War and the Seven Years' War。 For 10 points, what two countries fought in the Ten Years' War, from 1868 to 1878 ?

Spain and Cuba
21. The Dendroapsis Polyepsis is a very fast, very aggressive: venomous reptile, native to Southern Africa. For 10 points, by what name is it more commonly known?
the Black Mamba
22. Walther Schweiger, Otto Wedigen, Iothar von Arnauld, Max Valentiner, and Karl Dönitz. (DERN-itz)... For 10 points, what kind of vehicles did they all command?

U-boats, or Unter See Boots, or Submarines

## EMORY COLLEGE BOWL DO NOT DUPLICATE OR TRADE

1．BONUS： 25
King for a day．．．well，actually，he was king for about a month in 1946．He was prince of Savoy，and son of King Victor Emmanuel III，who abdicated in his favor in May，1946．For 25 points， name this king who moved to Lisbon in June，1946，after the Italian people voted for a republic． Umberto II or Humbert II
2．BONUS：30－20－10
For 30 points，identify this author after the first clue．You＇ll have 20 points if you need two clues，and 10 points if jou need all three．You may answer after each clue。

1．A successful novelist，he wrote nothing but poetry after his 57th Jear until his death in 1928.

2．His huge poetic epic drama of the Napoleonic wars called THE DYNASTS has been described as＂the biggest and most consistent exhibition of fatalism in literature．＂

3。 Individual poems include＂The Darkling Thrush，＂＂Afterwards，＂ and＂Channel Firing。＂

Thomas Hardy
3．BONUS：20／25
For 5 points each， 25 points for all four，are each of these components of the cell composed of nucleotides，amino acids，or both？

1．chromosomes both（DNA and protein；DNA is made of nucleotides，protein of．amino acids）

2．ribosome both
3．mRNA：（read：m．．．R．．．．N．．．A）
4．tRNA

## nucleotides

（tRNA has a linked amino acid
opposite its anti－codon）

4．BONUS： 30
Here＇s Jour chance to become a College Bowl MVP．For 10 points each，identify these MVP＇s：

1．In 1970 he was the MVP in the NBA：All－Star game，the MVP in the playoffs，and league MVP－－the only player to be all three． Willis Reed
2．In 1968 he was the last pitcher to be MVP in the National League Bob Gibson
3．In 1971 he was the last pitcher to be MVP in the American Ieague Vida Blue

5．BONUS： 30
A classic example of the Theatre of the Absurd is Samuel Beckett＇s WAITING FOR GODOT，a play with only five characters about a sixth who never shows．For 10 points each，name any three of the five characters who appear in WAITING FOR GODOT。

> EMORY COLLEGE BOWL DO NOT DUPLICATE OR TRADE
Vladimir，or Didi（accept either） Iucky Pozzo
a boy（at the end of the first act，he says Godot will come the next day：at the end of the วnd．that
6. BONUS: 30

For 10 points each, identify these Popes from the description given. Names and numbers, please.

1. Elected in 1922, he signed the Lateran Treaty with Benito Mussolini Pius XI
2. Once called Hildebrand, now a $\frac{\text { sal }}{\text { sant, }}$ he was elected in 1073 and clashed with Henry IV over "lay investiture."
3. The former Rodrigo Borgia Gregory VII he authorized the Treaty of Tordesillas (Tore-deh-SEE-us). Alexander VI
4. BONUS: 30

The Mexican-American border is much in the news, as the United States wrestles with its illegal alien problem. For 10 points, name any three of the six Mexican states with border the United States. For 20 points name four of them, and for 30 points name five.

Ba,ja California, Sosora, Chibuahua, Nueva Leon, Coahuila, and Tamualipas
8. BONUS: 25

Charles, or Carlos, or Karl has been a popular name for European monarchs. For 5 points each, identify:

1. either of the European countries which have had only

Charles (or Karl or Carlos) the First Austria and Portugal
2. Which had Charles I and II?
3. Which had Charles I through IV?
4. Which had Charles I through X?
\England, Britain, etc.
Spain or Hungary
5. Wich France
5. Which has had Charles I through XVI? , Sweden (whose current Puler is Karl XVI Gustaf)
9. BONUS: 30

In the circulatory system arterial blood normally flows to an organ, and venous blood flows away from it. There are two important exceptions. For 15 points each, identify these two s.ystems:

1. Venous blood flows in an artery, arterial blood flows in a vein the pulmonary circulatory system
2. Blood to and from an organ is carried in veins the portal circulatory system (portal vein leads to the liver; hepatic vein leads away)

## 10. BONUS: 30

In Arthur Miller's DEATH OR A SALESMAN, you'll find Willy, Happy, Biff, and Ben. For 10 points each, in what Miller plays will you find:

1. Joe, Chris and Kate Keller, and Ann and George Deever
2. Eddie and Beatrice Carbone, Catheriñ $\frac{\mathrm{MY}}{\mathrm{M}} \mathrm{SONS}$, and Rudolpho

A VIEW FROM THE BRIDGE
3. Reverend Parris, Tituba, and Rebeccia Nurse

THE CRUCIBLE
11. 25 Points. This bonus is about stars, not the kind you see in the theater but the kind you see in the night sky.

1. For 10 points, what is the most common Spectral Class of all the stars?

Answer: Class M
2. For 5 points apiece, tell me what spectral class each of the following stars belong to:
A) Our Sun
B) Sirius A
-Answer: Class G
3. For a final 5 points, what class of stars has the highest surface temperature?

Answer: Class 0
12. 30 Points. Nobel laureate John Galsworthy created three trilogies of novels which trace the history of the wealthy Forsyte family from the 1880's to the 1920's. Davidson's round already asked you about the Forsyta Saga which contains the novels The Man of Property, In Chancery, and To Let. For 15 points apiece, name these other Forsyte family trilogies from the novels they include:

1. The White Monkey, The Silver Spoon, and Swan Song.

Answer: A Modern Comedy
2. Maid in Waiting, Flowering Wilderness, and one More River.

Answer: End of the Chapter
13. 30 Points. All of you probably know that genetic information is carried on the DNA and RNA found in living organisms. Let's see if you know anything else about the science of genetics:

1. This genetic defect is caused by the presence of a single dominant gene which causes an individual to have extra fingers. For 10 points, what is this trait called?

Answer: Polydactyl(ism)
2. This trait is conspicuous due to the presence of a white forelock in the individual's hair and other nonpigmented spots. For 10 points, what is this trait called?

Answer: The Piebald Trait
3. This trait shows only when the individual is homozygously recessive for it. It is characterized by an abnormally small head. For 10 points, what is this trait known as?

Answer: Microcephaly
14. 30 Points. This bonus is concerned with various political writings. I will describe a work and you tell me its title. For instance, if I described a Jonathan Swift work which advocates eating Irish children, you would identify it as "A Modest Proposal." For 10 points each-identify these political writings:

1. This James Thurber short story deals with a pack of wolves who blame and eventually kill another group of animals. The moral reads: "Run, don't walk, to the nearest desert island."

Answer: The Rabbits Who Caused All the Trouble
2. This E.B. White piece is dated July 3, 1943 and is a reply to a request made by the Writers' War Board for a statement concerning "the meaning of democracy." According to this piece, "Democracy is the score at the beginning of the ninth," and a number of other things.

Answer: Democracy
3. This letter, written in 1963, is addressed to the writer's "fellow clergymen." In it, the clergy are advised to "never forget that everything Adolf Hitler did in Germany was 'legal' and everything the Hungarian freedom fighters did in Hungary was illegal.'"

Answer: Letter from Birmingham Jail (By M.L. King Jr.)
15. 20 Points. On January first, the United Nations got a new secretarygeneral who will serve a five year term. The man got the approval of the security council after a deadlock occurred between former secretarygeneral Kurt Waldheim and a number of third world candidates.

1. For 5 points--name the new secretary-general and the country
he is from.
Answer: Javier Perez de Cuellar from Peru
2. For an additional 15 points--name the African foreign minister who was also a candidate for that post and who many still believe has a good chance of becoming the first African to hold the office of secretarygeneral.

Answer: Salim Ahmed Salim (either first or last name acceptable)
16. 30 Points. This city is located on the Swedish island of Gotland in the Baltic Sea. During the l2th and l3th centuries, it was a leading commercial center of northern Europe, gaining importance through its association with the Hanseatic League. It began to decline in the early 14th century and was conquered by the Danes in 1361. Today it is one of the best preserved medieval cities in northern Europe, having changed little in appearance since that time. It is called "The City of Ruins and Roses." For 30 points--name this city.
Answer: Visby
17. 25 Points. Musical instruments are commonly divided into four categories: woodwind, percussion, brass, and string. You will receive 5 points for each of the following instruments which you can correctly classify:

1. Celesta
2. Balalaika
3. Psaltery
4. Shawm
5. Ophicleide

## Answer: Percussion Answer: String Answer: String Answer: Woodwind

 Answer: Brass18. 30 Points. Samuel Tilden lost the 1876 presidential election to Rutherford B. Hayes when an electoral commission voted 8-7 to assign the disputed electoral votes of four states to Hayes. You will earn 10 points for two; 20 points for three; or 30 points if you can name all four of the disputed states in that infamous election.
Answer: Louisiana, South Carolina, Florida, and Oregon
19. 30 Points. In skeletal anatomy, a suture is defined as "the line of union in an immovable articulation, as between the bones of the skull." You will receive 10 points apiece for each of the following sutures of the human skull which you can correctly identify;
20. The suture resulting from the intersection of the parietal and frontal bones.

Answer: Coronal Suture
2. The suture resulting from the intersection of the parietal and occipital bones.

Answer: Lambdoid Suture
3. The suture resulting from the intersection of the parietal and temporal bones.

Answer: Squamosal Suture
20. 20 Points. For 10 points apiece, identify the poems from the first few lines of the work.

1. This Keats poem begins: "Much have I travelled in the realms of gold, And many goodly states and kingdoms seen."
Answer: On First Looking Into Chapman's Homer
2. This Wordsworth work begins: "Five years have passed; five summers, with the length/ Of five long winters! and again I hear/ These waters . . ."

Answer: Lines Composed a Few Miles Above Tintern Abbey

