

OOT 2016: “Waiting for Goldman”
Packet 3 (Cambridge B)

Written by Richard Freeland, Joshua Pugh Ginn, Andrew Gurr, Afham Raoof, Matthew Nixon and Eric Yang

Edited by Oliver Clarke, George Corfield, Charlie Clegg, D. Joey Goldman, Daoud Jackson, Ewan MacAulay, Chris Stern and Spencer Weinreich

1. One character in this play is given a severed hand with a wedding ring on it, having been captured whilst leaving the shrine of Loreto. One of the antagonists of this play begins digging up random graves and eventually becomes convinced he is a wolf; that character’s brother kills a woman by making her kiss a poisoned bible. Ferdinand and the Cardinal seek the death of Antonio Bologna for marrying their sister, his employer. Bosola avenges the death of the title figure in, for ten points, what revenge tragedy by John Webster?

ANSWER: *The Duchess of Malfi*

2. The earliest use of buttons comes from this region where carved seashells were used ornamentally. A Bronze statuette known as “Dancing girl” was found in this region and a similar figure was found by Ernest Mackay. The town of Lothal in this region is home to one of the earliest measuring rulers, whose use has been suggested by measurements of bricks. The name of another major city in this location translates as “mound of the dead,” and is home to a Great Bath likely used in religious rituals, whose nature remains mysterious. For 10 points, name this region home to an eponymous civilisation whose cities included Harappa and Mohenjo-daro.

ANSWER: Indus Valley (prompt on Sindh; prompt on Harappan; accept Indus-Sarasvati Civilisation)

3. According to a 1955 Indian law, this action in Hinduism can be justified by mental abnormality or leprosy of one of the participants. In the Gospel of Matthew, Jesus says that Moses permitted this action “because of the hardness of your heart”. Versions of this action in Islam include khula and talaq, the latter of which is irrevocable if the word “talaqa” is repeated three times. This action has the same effect as annulment, but is prohibited by the Catholic Church. For 10 points name this action, the desire for which led Henry VIII to set up the break with Rome.

ANSWER: (asking for a) divorce [accept clear-knowledge equivalents]

4. These beings are referred to by the kenning “the Soti of Sif”. One of these creatures was ridden with vipers for reins by the giantess Hyrrokkin. They’re not ravens, but Odin was accompanied by two of these animals, called Geri and Freki. Two other animals of this type, named Hati and Skoll, are wargs who chase the Moon and Sun across the sky. The Prose Edda describes the wrist as the ‘(this creature)-joint’, since the god Tyr lost his hand to one of them. One of these creatures is bound by Gleipnir, but will escape to kill Odin at Ragnarok. For 10 points, what sort of animal is Fenrir in Norse mythology?

ANSWER: Wolves or wolf (accept warg/varg/vargr before mention)

5. This architect designed a musical centre containing three auditoriums around an ancient roman villa. Another work by this architect used specially designed louvers called “nacos” on its exterior to regulate wind flow. That work was inspired by vernacular Kanak culture and is located in Nouméa, New Caledonia. This architect also designed an airport inspired by the shape of an airfoil on an artificial island in Osaka Bay, the Kansai International Airport. He is better known for collaborating with Richard Rogers on a structure with colourful external escalators and piping in Paris. For 10 points, name this architect of the Pompidou Centre and the Shard.

ANSWER: Renzo Piano

6. When prosecuted by the authorities in the town of Autun around 1509, a group of these unsurprisingly failed to show up to court. An army of these eat the titular “Wicked Bishop” when he tries to burn poor people in a poem by Robert Southey [Sow-thee]. One of these animals was the subject of spells intended to turn it yellow and into a water goblet in one series of children’s novels, and a large number of them die in the town of Oran in

a book by Albert Camus. In epidemiology, these organisms can be vectors for *Yersinia pestis* and leptospirosis. For 10 points, name these rodents, widely blamed for transmitting the bubonic plague.

ANSWER: **Rats** [prompt on 'mice' before "Wicked Bishop"]

7. This person and Landau name a proportionality constant relating how many integers less than x are equal to the sum of two squares. This person's conjecture is an assertion on the size of the tau-function and it was modified by Petersson. One approximation named for this person can very accurately predict the circumference of ellipses with small eccentricities. This person's summation assigns the value minus one-twelfth to the sum of the natural numbers. The smallest absolute Euler pseudoprime, which is also the smallest number that can be written as the sum of two cubes in two different ways, is named for G. H. Hardy and, for 10 points, which Indian mathematician?

ANSWER: Srinivasa **Ramanujan**

8. One character in this book once ate 3 slugs and befriends the protagonist through their shared appreciation of *The Great Gatsby*. Another character lies and says her father is in Uruguay and the protagonist later feeds that father a whole cucumber. One character who gives the protagonist a firefly and has a picture of Amsterdam on his wall is known as Storm Trooper. It begins with the protagonist descending into Hamburg Airport whilst trying to think of Naoko; she used to go out with his friend Kizuki who committed suicide after playing pool. For 10 points name this Haruki Murakami book which takes its name from a Beatles single.

Answer: **Norwegian Wood** (accept **Noruegi no mori**)

9. This organ is the only one to contain postganglionic sympathetic neurons that release acetylcholine not noradrenaline. Mohs surgery is used to treat a certain cancer of this organ while another is characterised by the Breslow depth. It's not the pancreas, but a disease of this organ is characterised by the presence of Birbeck granules in cells named for Paul Langerhans. This organ contains smooth muscle called the arrector pili. The Mantoux test for tuberculosis is conducted in this organ. This organ contains apocrine glands while its sebaceous glands are commonly associated with hair follicles. For 10 points name this organ that contains the dermis and the epidermis.

ANSWER: **Skin**

10. An army under this leader killed Arthur Aston with his own wooden leg which they believed contained coins at Millmount Fort. This man joined John Dalbier at the siege of Basing House shortly after leading a victory at Devizes Castle and began the Rule of the Major-Generals after a failed invasion of Hispaniola. This man was the third person to sign Charles I's death warrant and had his corpse beheaded by Charles II. For 10 points, name this second-in-command of the 'New Model Army' in the English Civil War and Lord Protector of the Commonwealth.

ANSWER: **Oliver Cromwell** [prompt on **Cromwell**]

11. Melchior Klesel was a bishop of this city and a 1679 plague epidemic is commemorated by its Pestsäule [Pestzaule]. This city's cathedral is home to both a statue known as Christ with a Toothache and two enormous swinging bells known as "pummerin". When the walls of this city were eventually pulled down they were replaced with a circular boulevard, the Ringstrasse and "I came, I saw, God conquered" was said by Jan Sobieski in relation to this city after he relieved a siege of those walls of this city. This city is home to the world's oldest riding school and the world's oldest zoo which is housed in its Schonbrunn palace. For 10 points name this city from which the Hapsburg Emperors ruled Austria.

ANSWER: **Vienna**

12. The BBC tried to recreate this event in a documentary with Alex Haslam and Steve Reicher. The girlfriend of its originator was Christina Maslach who later intervened in it and it is believed that the Hawthorne effect had a significant impact on the actions of this event's participants, some of whom made efforts to assert their dominance even when it wasn't necessary. The actions of a participant nicknamed John Wayne were particularly horrifying, as participants used their batons as part of role fulfilment as guards. For ten points, name this experiment in which Philip Zimbardo pretended to be the superintendent of a jail in a Californian University.

ANSWER: **Stanford Prison** Experiment

13. Integrating one less than the compressibility factor over pressure with respect to pressure gives the logarithm of this quantity's namesake coefficient. The product of that coefficient, vapour pressure, and a Poynting correction factor approximates this quantity for a pure liquid. It doesn't appear in Raoult's law, but this quantity is proportional to the mole fraction according to the Lewis-Randall rule. In an ideal gas, this quantity is equal to pressure. For 10 points, name this quantity that gives the tendency for a gas to escape its current phase, symbolized f .

ANSWER: **fugacity** [accept **fugacity coefficient** before it is mentioned, prompt on "f" before it is mentioned]

14. This politician was first Lord of the Admiralty during the Invergordon Mutiny, and Anthony Eden served as his Permanent Private Secretary. As Foreign Secretary during Baldwin's longest term in office, he won the Nobel Peace Prize for his contribution to the talks that led to the Locarno Pact, and he was appointed Chancellor directly after the First World War. This man resigned as party leader following a meeting at the Carlton Club in 1922. For 10 points, name this conservative leader who was never prime minister unlike his half-brother Neville.

ANSWER: **Austen Chamberlain** [prompt on "Chamberlain" alone]

15. This function is the limit of the Dirichlet kernel. The convolution of any tempered distribution S with this function is S . The sum over all integer offsets of this function is the Shah function, which is often used in sampling owing to its sifting properties. This function can be thought of as the derivative of the Heaviside step function or as the continuous analogue of a similar function named for Kronecker. For 10 points, name this generalised function that is infinite at zero and zero everywhere else.

ANSWER: **Dirac delta** function [prompt on "delta function"]

Editor's Note: Congratulate anyone who points out that it isn't a true function on \mathbb{R} ; rather, it's a linear functional on functions on \mathbb{R}

16. Home is incomplete without "Plumtree's potted meat" in this work, in which a walking advert for "Hely's stationers" is seen several times in the street. In this story the main character is put on trial for his sexual degeneracy before giving birth to 8 children in an episode named after a daughter of Perse. This novel famously includes scenes in which the main character uses the lavatory, masturbates on a beach, and eats a cheese sandwich. Its final episode is a continuous monologue by that character's wife Molly ending with the word "yes". For 10 points, name this novel by James Joyce, which takes place during one day in Dublin.

ANSWER: **Ulysses**

17. A painting by this artist inspired by a passage from Lucian shows a woman in tattered black robes on the left, while the opposite side shows Midas with donkey ears. Another work by this artist shows wasps emerging from a tree, likely a reference to the family who commissioned it. In that painting by this artist of the *Calumny of Apelles*, a satyr tries to wake one of the titular characters by blowing into a conch shell. Simonetta Vespucci is usually thought to be the model for a figure standing on a scallop shell rising from the water in the best known painting by this artist. For 10 points, name this artist who created *Venus and Mars* as well as *The Birth of Venus* and *Primavera*.

ANSWER: Sandro **Botticelli** [accept **Filipepi**]

18. Controversy is raised in this novel when an organist changes the tune used for the Doxology. One character in this novel wears two watches and seems unconcerned that Cousin Edgar's son died. The protagonist eventually remembers that an ice-cream man is a Cunningham, and gets into trouble for supposedly swimming naked with Hank. She also shouts "You double dealing, ring-tailed old son of a bitch!" at her father, who betrayed her trust by attending Citizens' Council meetings and reading a pamphlet called *The Black Plague*. Jean Louise and Atticus Finch return in, for 10 points, which 2015 novel by Harper Lee, a sequel to *To Kill a Mockingbird*?

ANSWER: **Go Set a Watchman**

19. Anastomosis is important in the early formation of these locations and scalloping in these places varies depending on speed of formation. One group of objects found in these locations is categorized as filiform, beaded, veriform or antler. Piezoelectric forces have been suggested as a mechanism for the unusual shapes of structures in these places, called helictites. Structures found in these places, which are usually formed by accumulated precipitation of calcium carbonate, are called speleothems. For 10 points, which geographical features often contain flowstone and stalagmites?

ANSWER: **Caves** [accept **caverns**, prompt on looser synonyms such as 'pits', 'grottoes' or 'potholes'; accept specific types such as 'limestone cave']

20. A melody which appears in the second and fourth movements of one of this composer's pieces derives from "A little girl treads on a brook", a Croatian folk song. A solo oboe repeatedly playing F's in a dotted rhythm is meant to represent poultry in another of this composer's pieces. "The representation of chaos" opens an oratorio by this man which features the archangel Gabriel as a soprano. Patronised by the Esterhazy family for much of his career, this composer wrote one composition in which all players leave the stage bar two violinists. For 10 points name this "father of the symphony" whose compositions included ones nicknamed "Drumroll" and "Farewell".

ANSWER: Franz Josef **Haydn**

1. This composer wrote *Variations on the name Abegg*, using the notes A, B, E, G, G to open the piece. For 10 points each:

[10] Name this composer of Kreisleriana, an eight movement piece for piano inspired by an ETA Hoffmann character

ANSWER: Robert **Schumann**

[10] Schumann's most famous work for piano is this work in 22 sections. Some of those sections are named after as commedia dell'arte characters such as Pierrot and Arlequin while others are named after composers such as Chopin and Paganini.

ANSWER: **Carnaval**

[10] Movements in *Carnaval* also include ones named for Schumann's calm and impetuous alter egos which go by these two names

ANSWER: **Florestan** and **Eusebius** (accept in either order) [fiery and calm respectively]

2. The Greek city of Elea might not be in present day Greece, but it did give its name to a school of Greek philosophy. For 10 points each:

[10] This philosopher of the Eleatic school is famous for postulating paradoxes of motion. He shares his name with another philosopher from Citium, the founder of the stoic school.

ANSWER: **Zeno** of Elea

[10] Alluding to one of Zeno's paradoxes, "What the Tortoise said to Achilles" is a philosophical work of 1895 by this writer.

ANSWER: Lewis **Carroll** [accept Charles Lutwidge **Dodgson**]

[10] This author of *Gödel, Escher, Bach* made many references to Zeno's paradoxes of movement and Lewis Carroll in the course of developing his hypothesis that intelligence is grounded in self-referential strange loops.

ANSWER: Douglas **Hofstadter**

3. Stephen of Blois didn't have an easy time as King of England. For ten points each:

[10] Stephen fought a nineteen-year-long civil war known as the Anarchy with this claimant to the throne, the daughter of King Henry I.

ANSWER: Empress **Matilda** [Accept Maude]

[10] Matilda's claim was supported by this King of Scotland, who helped to Normanize the Scottish court and who began the system of burghs. [boroughs]

Answer: **David I**

[10] The issue of succession was simplified somewhat when this son of King Stephen died shortly before the signing of the Treaty of Wallingford. He had been Count of Boulogne until his death.

ANSWER: Eustace IV

4. Certain nebulae have become known for their impressive appearance. For 10 points each:

[10] Named after an animal, this nebula's "Pillars of Creation" may have been destroyed by a supernova explosion, but light showing us the destruction will not reach Earth for a millennium.

ANSWER: Eagle Nebula [accept M16, Star Queen, Spire]

[10] An absorption nebula named for this American astronomer is found in the constellation of Ophiuchus. Another supernova may be the cause of the nebula's vibrations, which have a period of 250,000 years.

ANSWER: Edward Emerson Barnard

[10] Originally thought to be a great nebula, this nearest spiral galaxy to Earth was the subject of a debate between Harlow Shapley and Haber Curtis.

ANSWER: Andromeda Galaxy (accept M31)

5. Three bonuses for you on Europeans reading one particular Greek, who wrote on such diverse topics as the face in the moon, the malice of Herodotus and the 'E' at Delphi. For 10 points each:

[10] Name this 2nd century AD Greek author of the *Parallel Lives*, of whom Jacques-Louis David apparently said "Let no one enter who has not read [this man]."

ANSWER: Plutarch of Chaeronea

[10] This Geneva-born author of *Emile* and philosopher of the 18th Century claimed in his *Confessions* that reading the *Parallel Lives* at age seven "extinguished [his] passion for romance novels."

ANSWER: Jean-Jacques Rousseau

[10] Montaigne claimed never to have "seriously settled [himself] to the reading any book of solid learning but Plutarch" and this Roman Stoic and contemporary of Plutarch

ANSWER: Seneca the Younger

6. Owen acts as go-between in this play between the men working for the Ordnance Survey, Captain Lancey and Lieutenant Yolland. For 10 points each:

[10] Name this play set in the fictional Donegal village of Baile Beag [Ballybeg] which deals with the linguistic tension between the English and the Irish characters.

Answer: Translations

[10] *Translations* was written by this recently deceased Irish playwright of *Dancing at Lughnasa* and *Philadelphia, Here I Come!*

Answer: Brian Friel

[10] Friel worked with this poet for the Field Day Theatre Company. They became friends after Friel wrote a letter complimenting his *Death of a Naturalist*

Answer: Seamus Heaney

7. The electron transport chain uses reduced coenzymes from the krebs cycle, concentrating hydrogen ions within the mitochondrial membrane which can then be used to drive ATP production. Answer some questions on substances which poison this process. For 10 points each.

[10] This perhaps most noted metabolic poison inhibits cytochrome c oxidase, the final complex in the electron transport chain. This negatively charged ion is a carbon atom triple bonded to nitrogen atom

ANSWER: Cyanide

[10] This compound dissipates the gradient of hydrogen ions created by the electron transport chain by sequestering them, diffusing across the inner mitochondrial membrane and releasing them. This compound has recently been linked to a number of deaths from dieting pills

ANSWER: 2,4-Dinitrophenol [or 2,4-DNP]

[10] In high enough doses, oligomycin is an inhibitor of ATP synthase - this can lead to a block in the electron transport chain. Oligomycin belongs to the macrolide class of this group of drugs, whose other classes include fluoroquinolones, cephalosporins and tetracyclines.

ANSWER: Antibiotics

8. This revolt began with a tax protest begun by Manuela Beltran and ended with the rebels capture after a false negotiation. For 10 points each:

[10] Name this 1781 revolt of the inhabitants of the Viceroyalty of New Granada against the Spanish Authorities.

ANSWER: **Comuneros** revolt (accept word equivalents)

[10] The Comuneros revolt can be seen in response to this set of namesake reforms instituted by the Spanish crown in the 18th Century which increased tax revenues and attempted to remove some of the Habsburg fiscal knots.

ANSWER: **Bourbon Reforms**

[10] The Bourbon reforms also helped provoke the Rebellion of Tupac Amaru III, who when horses failed to pull him apart, was beheaded in this city which was home to the Quirkancha which had served as the Inca capital.

ANSWER: **Cusco**

9. This pope probably died of injuries associated with a painful fall from his mule at Narni. For 10 points each:

[10] This 14th century Pope once complained that he couldn't hear enough screaming when some rebellious cardinals were being tortured. He was opposed by Antipope Clement VII during the Western Schism.

ANSWER: **Urban VI** [prompt on Urban]

[10] Another Pope Urban, this time the second, cried "Deus Lo Vult!" in a speech at this 1095 gathering of Catholic laymen and clergymen, considered to be the starting point of the First Crusade.

ANSWER: **Council of Clermont**

[10] Pope Urban VII was the shortest reigning pope but introduced perhaps the first ban on this activity in public. It was also discouraged in Nazi Germany and Francis Drake brought back a crop required for it from Virginia.

ANSWER: **Smoking** Tobacco

10. Three questions for you on the misadventures of one Tom Rakewell. For ten points each:

[10] Rakewell inherits a fortune then ends up in Bedlam Asylum in *A Rake's Progress*, a series of eight paintings by this English artist, engraver and satirist.

ANSWER: William **Hogarth**

[10] *A Rake's Progress* was turned into an opera by this Russian-born composer, with a libretto by W.H. Auden and Chester Kallman.

ANSWER: Igor Fyodorovich **Stravinsky**

[10] *The Vanity of Small Differences* is a 2012 series of six tapestries inspired by *A Rake's Progress* made by this British artist who won the Turner Prize in 2003.

ANSWER: **Grayson Perry** [prompt on "Claire," his alter ego]

11. Two of these compounds react in the Claisen condensation to form its beta-keto variety and an alcohol. For 10 points each:

[10] Name these compounds, which also form from ketones in the Baeyer-Villiger oxidation.

ANSWER: **esters** [prompt on "lactone"]

[10] Osmate esters are formed as intermediates in the Upjohn dihydroxylation of alkenes catalyzed by this compound.

ANSWER: **osmium tetroxide** [or **OsO₄**]

[10] Catalysts increase reaction rate by lowering this quantity, the free energy required to reach a transition state.

ANSWER: **activation energy** (accept **E_a**)

12. Richard Feynman used the effect of this experiment's inaccurate result on subsequent experiments as an example for confirmation bias in science. For 10 points each:

[10] Name this experiment, which measured the elementary charge of an electron.

ANSWER: the Fletcher-Millikan **oil drop** experiment

[10] Millikan obtained a result for the elementary charge one percent lower than the current accepted value due to using an incorrect value for this quantity.

ANSWER: the **viscosity of air** (prompt on partial answer)

[10] The drag force acting on an oil drop was found using Stokes' Law by taking the product of 6π , the viscosity of air, the radius of the drop, and this quantity.

ANSWER: terminal velocity

13. Not all previous capitals are still capitals. For 10 points each:

[10] This seaport and capital of the Argolis region became the official capital of the First Hellenic Republic in 1829 and was the location of the assassination of its first head of state. Under King Otto, it was replaced by Athens in 1834.

ANSWER: Nafplio[n] (or Nafplia, Nauplia, Nauplio[n])

[10] This city in the Emilia-Romagna region acted, counter-intuitively, as the capital of the Roman Empire in the 5th Century AD. It is connected by the Candiano Canal to the Adriatic Sea around 100 kilometers south of Venice.

ANSWER: Ravenna

[10] This city is today capital of a Russian exclave and the headquarters of Russia's Baltic Fleet, but was once the capital of Prussia until Berlin supplanted it in 1701. I can accept either its regal German name, or the Bolshevik-inspired Russian one that replaced it in 1946.

ANSWER: Königsberg or Kaliningrad

14. He managed to rhyme the word 'purple' by ending successive lines of one poem with 'interpolate them' and 'dressed in gold and purple ate them'. For 10 points each:

[10] Name this humorous American poet who wrote 'Very Like a Whale', and often wrote very short poems such as 'Candy/is dandy/but liquor/is quicker'

ANSWER: (Frederic) Ogden Nash

[10] Nash's poem 'Further Reflections on Parsley' consists of just the three words, "Parsley is" this.

ANSWER: Gharsley [that is to say, ghastly]

[10] The even shorter poem 'Fleas', or 'Lines on the Antiquity of Microbes', is sometimes attributed to Nash, but was most likely written by Strickland Gilliam. These three words form the entire text of 'Fleas'.

ANSWER: Adam had'em

15. In a 12th century work, King Suibhne (*shiv-na*) was turned mad at the Battle of Mag Rath by a curse from St Ronan. For 10 points each:

[10] St Ronan cursed Suibhne and also threw his own Psalter into a lake from which it was miraculously retrieved intact by one of these semi-aquatic mustelids. The European variety belongs to the genus *Lutra*.

ANSWER: Otter

[10] The story of Suibhne inspired the piece *Shivna* in the 1995 production *Riverdance*, composed by this Irish musician and composer.

ANSWER: Bill Whelan

[10] Bill Whelan choreographed a famous performance in the 1994 edition of this event, which was held in Dublin following the success of Niamh Kavanagh the previous year.

Answer: Eurovision Song Contest

16. Charles Dickens started his career as a junior barrister's clerk and legal reporter in Doctors' Commons. For 10 points each, answer these questions on Dickensian lawyers:

[10] This "attorney of no good repute" helps Quilip get his hands on the Old Curiosity Shop.

ANSWER: Sampson Brass

[10] Mr Tulkinghorn and Mr Vholes act for parties in the case of Jarndyce v Jarndyce in this novel.

ANSWER: Bleak House

[10] This alliteratively named childhood friend of David Copperfield later trains as a Barrister and helps expose the villainous Uriah Heep.

ANSWER: Tommy Traddles [accept either underlined part]

17. Practitioners of Haitian Vodou believe in an unknowable Supreme God called Bondye. For 10 points each:

[10] Vodouists aim their prayers to these spirits, which act as intermediaries between humanity and Bondye.

ANSWER: Loa

[10] One of the most important Loa is this primordial creator of all life, also called the Sky Father.

ANSWER: **Damballa**

[10] Damballa is syncretised with this saint, who is often credited with converting Ireland to Christianity and is associated with the shamrock.

ANSWER: Saint **Patrick**

18. Richard III is widely believed to have killed this king and he was deposed once it was suggested his father's marriage to Elizabeth Woodville was illegitimate. For 10 points each:

[10] Name this uncrowned king of England who was likely killed with his brother in the Tower of London.

ANSWER: **Edward V**

[10] Richard III replaced Edward V following a declaration of parliamentarians which was formalised in this Statute of 1484, which Henry VII suppressed.

Answer: **Titulus Regius**

[10] This Fleming pretended to be the younger of the "princes in the tower", Richard, Duke of York. Henry VII was so unimpressed by his coronation that he suggested that "they will crown an ape next".

Answer: Perkin **Warbeck**

19. Here are three questions on a Victorian art critic. For 10 points each:

[10] This unsuccessful applicant for Oxford's Slade Professorship of Art wrote that "All art constantly aspires towards the condition of music" in *Studies in the History of the Renaissance*.

ANSWER: Walter Horatio **Pater**

[10] In what has been called "probably still the most famous piece of writing about any picture in the world," Pater compares the smiling title figure of this da Vinci painting to a vampire.

ANSWER: **Mona Lisa** or **La Gioconda**

[10] This Venetian painter, a student of Bellini and elder contemporary of Titian, was described as "a live flame...in those shadowy times" by Pater. The six works that are attributed to him with certainty include *Sleeping Venus* and *The Tempest*.

ANSWER: **Giorgione** [or Giorgio **Barbarelli** da Castelfranco]

20. Everyone knows that ugly ducklings turn into beautiful swans. For 10 points each, name these mythological 'ugly ducklings' that also transformed into swans.

[10] This god impregnated Leda in the guise of a swan, resulting in the conception of Helen of Troy.

ANSWER: **Zeus** [accept Jupiter]

[10] In Irish mythology, this daughter of Lir was cursed by her stepmother Aoife [Efa] along with her brothers Conn, Aodh [Ay] and Fiachra.

ANSWER: **Fionnuala** [accept Finnguala]

[10] This friend of Phaethon was turned into a swan by the gods to relieve him of pity after Phaethon was killed to prevent him from crashing Helios' chariot. His namesake constellation includes the star Deneb.

ANSWER: **Cygnus** [accept Cynus]